

Appendices, DHT Self-Evaluation

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Appendix 1 and 2 are considered crucial for the evaluation of DHT:

1. **Appendix 1: List of DHT milestone activities.** This list includes all major accomplished activities as related to the agreed upon milestones for DHT. The list has been updated on an ongoing basis since the start of DHT in 2013 and has been used to provide an updated status of DHT for the steering committee and the Rectorship.
2. **Appendix 2: 1-page description of each of the 12 projects.** The main part of DHT is the 12 projects. They are each presented in a uniform 1-page description that includes a short description, a list of participants and partners, internal and external funding, and (links to) research publications.
3. **Appendix 3: DHT-approved description 2013.** Description of DHT including milestones and budget approved by the Rectorship in February 2013.
4. **Appendix 4: List of affiliated professors (2007–2015).** List of 73 professors from Roskilde University (not including administrative staff and PhD students) who have been affiliated with DHT since the first initiatives took place in 2007. The list shows the departmental and research group affiliation, as well as the participation of individual professors in key activities.
5. **Appendix 5: Historical documents from before 2013.** This includes two important documents:
 - a. Vision and strategy for Design Studies at Roskilde University (approved by CBIT in 2008)
 - b. Paa vej mod en designvidenskabelig forskningsplatform på Roskilde University [Towards a Design-Oriented Research Platform at Roskilde University]. The initial document (in Danish) is from November 2007.
6. **Appendix 6: Theorizing DHT. 1-page abstract and 4-page paper outlining a vision for DHT.** Proposal for a new and more focused joint research objective discussed during 2014.
7. **Appendix 7: DHT-blog 2013–2015.** Chronological list/overview of postings on the DHT blog (dht.ruc.dk) from 2013–2015.

List of DHT Milestone Activities

This list of Designing Human Technologies (DHT) milestone activities documents all major accomplished activities as related to the milestones.

The activities are related to the agreed upon measurable milestones cited in the *left column*. This column includes the original estimated budget from 2012 along with the revised budget from November 2015. All budgets and amount of money are in DKK.

The *right column* lists all major activities, their current status and who is responsible with the main responsible (chair) indicated by *italics*.

Milestone	Activities
<p>Milestone 1 RUC Centre of Designing Human Technologies Institutionalising the research initiative to ensure its sustainability also after 2016</p> <ul style="list-style-type: none"> The centre is organised and manned at year-end 2015 <p>Initial budget 2012: 150,000 Expenditure 2015: 165.887</p>	<p>A 1.1: Establishment of management/director and Reference Group Status: Decided upon in 2012. Responsible: <i>Steering Committee</i>.</p> <p>A 1.2: Describe DHT with purpose, focus areas, measurable milestones, and budget. Status: Approved by the Steering Committee on February 21st 2013. Responsible: <i>Jesper Simonsen</i>, Michael Haldrup and the Reference Group.</p> <p>A 1.3: Organize administrative support Status: Done: Accounting support from CBIT staff. All other administrative support is done and financed by DHT. Responsible: <i>Jesper Simonsen</i>, Michael Haldrup and the Reference Group.</p> <p>A 1.4: Official opening of DHT with conference and reception. Status: Opening held on June 7th 2013. Responsible: <i>Jesper Simonsen</i>, Michael Haldrup and Connie Svabo.</p> <p>A 1.5: Presentation of DHT to RUC's Board of Directors. Status: Presentation held on September 11th, 2013. Responsible: <i>Jesper Simonsen</i>.</p> <p>A 1.6: Project establishment workshops. Status: Workshops held November 27th 2012 and April 19th 2013. No need for more of these workshops. Responsible: <i>Jesper Simonsen and Michael Haldrup</i></p> <p>A 1.7: Conducting research seminars Status: Regularly held in 2012, 2013, and 2014 Responsible: <i>Jan Pries-Heje</i> (2012-2013), <i>Jesper Simonsen</i> (2014).</p> <p>A 1.8: Establish Advisory Board Status: Established with Jeanette Blomberg, Finn Kensing and Orvar Löfgren. First Advisory Board meeting held September 19th 2013. Responsible: <i>Jesper Simonsen</i></p>

A 1.9: Organize RUC Centre of Designing Human Technologies
Status: The reference group decided to reject establishing DHT as a 'centre' and continue with DHT as a strategic research initiative.
Responsible: *Jesper Simonsen* and the Reference Group.

A 1.10: Supporting DHT by nominating Jeanette Blomberg as adjunct professor at Roskilde University.
Status: Inaugural lecture held September 19th 2013.
Responsible: *Jesper Simonsen*

A 1.11: Supporting DHT by nominating Olav Storm Jensen as adjunct professor at Roskilde University.
Status: Inaugural lecture held May 9th 2014.
Responsible: *Jesper Simonsen*

A 1.12: Supporting DHT by nominating Richard Baskerville as honorary doctor at Roskilde University.
Status: Inaugural lecture held September 19th 2014.
Responsible: *Jan Pries-Heje* and *Jesper Simonsen*

A 1.13: Proposal for new focused joint research objective for DHT.
Status: Presented at the Mobility and Design workshop in Lancaster in May 2014, at a DHT research seminar in June 2014, at the DASTS conference in Roskilde in June 2014, and by a keynote at IRIS/SCIS in Ringsted in August 2014. Discussed on three DHT research seminars during fall 2014. Published at OZCHI'2014 in Sydney, December 2014
Conclusion: We are unable to identify a focused joint research objective needed for a grand application including a large group of DHT participants.
Responsible: *Jesper Simonsen*.

A 1.14: Supporting DHT by having Helena Karasti as visiting professor at Roskilde University.
Status: Visiting professor from August 1st 2015 until June 1st 2016 funded by Velux and DHT.
Responsible: *Jesper Simonsen* and Helena Karasti.

A 1.15: Hearing response from DHT in relation to new department structure at RUC.
Status: Hearing response given on May 4th, 2015
Responsible: *Jesper Simonsen*

A 1.16: Evaluation of DHT.
Status: In progress. Deadline for Self-Evaluation report: January 26th 2016. Meetings held with Pro-rector in February and August 2015 and with the Advisory Board in May and November 2015.
Responsible: *Jesper Simonsen*

<p>Milestone 2 PhD programmes in Designing Human Technologies will be generated at RUC</p> <ul style="list-style-type: none"> • Cross-departmental (RUC) PhD programme generated • Nordic PhD network set up • Nordic PhD design course commenced and held at RUC/“Søminestationen” <p>Initial budget 2012: 225,000 Expenditure 2015: 258.349</p>	<p>A 2.1: Cross-departmental (CBIT/ENSPAC) Nordic/International PhD programme in Designing Human Technologies Status: DHT 1.0 held May 26-28 2013. DHT 2.0 held May 18-20 2014. DHT 3.0 held May 10-12 2015. DHT 4.0 announced for May 23-25 2016. DHT 5.0 (2017) and 6.0 (2018) are planned. Responsible: <i>Jesper Simonsen</i></p> <p>A 2.2: Establish Nordic/International PhD network Status: Network meetings held May 26-28 2013, May 18-20 2014, and May 10-12 2015. A faculty of 12 professors from 6 countries established. Network meetings planned for 2016 and 2017. Responsible: <i>Jesper Simonsen</i></p> <p>A 2.3: Phd-course: Field-based research and qualitative data analysis Status: Held in May 7-9 2012, co-funded by DHT (with CBIT-2012 grant) Responsible: <i>Jeanette Blomberg</i></p> <p>A 2.4: Phd-course: Ethnography and Participatory Design Status: Held April 29th 2013, co-funded by DHT Responsible: <i>Jeanette Blomberg</i></p> <p>A 2.5: Phd-course: Designing with ethnography Status: Held November 17-19 2015, co-funded by DHT Responsible: <i>Jeanette Blomberg</i> and <i>Helena Karasti</i></p>
<p>Milestone 3¹ Projects across existing research groups and departments</p> <ul style="list-style-type: none"> • Completion of a minimum of four projects <p>Initial budget 2012: 1,800,000 Expenditure 2015: 1.660.826²</p>	<p>A 3.1: Book project ‘Situated Design Methods’ Status: Completed. Published by MIT Press in August 2014. DHT-funding: 60.000 (2013-2014) Responsible: <i>Jesper Simonsen</i>, <i>Connie Svabo</i>, <i>Sara Malou Strandvad</i>, <i>Kristine Samson</i>, <i>Morten Hertzum</i>, and <i>Ole Erik Hansen</i></p> <p>A 3.2: Experimental Museum Exhibition Design Status: In progress. DHT-funding: 60.000 (CBIT/2012), 170.000 (2013), 360.000 (2014), 100.000 (2015). External funding – see A 5.9 Responsible: <i>Troels Andreassen</i> and <i>Michael Haldrup</i></p> <p>A 3.3: Design of Feedback-based E-decisions Status: Completed. DHT-funding: 60.000 (2013), 10.000 (2014) Responsible: <i>Jan Pries-Heje</i></p> <p>A 3.4: Network for Design of Robust Organizational Change Status: In progress. DHT-funding: 239.000 (2013-2015) Responsible: <i>Peter Hagedorn Rasmussen</i></p>

¹ The activities for each project is *not* listed here. Project activities are documented through the DHT-blog site: Projects are summarized and a link for each project to the blog is given in Appendix 2: 1-page description of each of the 12 projects.

² The sum of all projects’ initial DHT-funding (right column) is 1.987.958. The total budget for 2015 is 1.660.826 (left column) since some project have not used their budgets before they closed.

	<p>A 3.5: Clinical Communication Status: In progress. DHT-funding: 50.000 (2013), 110.295 (2014), 120.514 (2015) External funding – see A 5.3, 5.4, 5.5, 5.6, 5.7, 5.11, 5.12 and 5.14 Responsible: <i>Jesper Simonsen</i>, Morten Hertzum, John Scheuer, Kija Østergaard, Morten Brandrup.</p> <p>A 3.6: Future Zone Status: In progress. DHT-funding: 75.000 (2014) Responsible: <i>Anita Mac</i></p> <p>A 3.7: Social Interaction around Installations Status: In progress. DHT-funding: 75.000 (2013) Responsible: <i>Henriette Chrstrup</i>, Troels Andreasen</p> <p>A 3.8: The Robust Organizational Translation Network Status: In progress. DHT-funding: 23.000 (2014) Responsible: <i>John Scheuer</i></p> <p>A 3.9: Italian Drawings Status: In progress. DHT-funding: 27.000 (CBIT/2013), 69.918 (2014), 162.563 (2015). External funding – see A 5.10 and 5.13 Responsible: <i>Henning Christiansen</i></p> <p>A 3.10: Curating Sustainability Status: In progress. DHT-funding: 40.000 (2014) Responsible: <i>Anders Christian Hansen</i></p> <p>A 3.11: Design of MOOC Status: Completed. DHT-funding: 63.257 (2014) External funding – see A 5.8 Responsible: <i>Lisbet Frølund</i></p> <p>A 3.12: Design of Working Life in Temporary Projects Status: In progress. DHT-funding: 112.411 (2015) Responsible: <i>Helge Søndergaard Hvid</i></p>
<p>Milestone 4 Internal/external profiling</p> <ul style="list-style-type: none"> • Active website containing contributions from all participants on an ongoing basis <p>Initial budget 2012: 225,000 Expenditure 2015: 406.526</p>	<p>A 4.1: Establishment and organizing web-site and news letter. Status: Completed: Official RUC-website (ruc.dk/en/dht), interactive blog-site (dht.ruc.dk), and weekly electronic newsletters to more than 200 subscribers. Blog statistics of the size of uploaded text and pictures (excluding video): 2012: 39MB; 2013: 451MB; 2014: 395MB; 2015 (Jan–Oct): 130MB Responsible: <i>Jesper Simonsen</i> and Connie Svabo, Camilla Bruun Simonsen, Roligen Tumogsok Thirstrup, and Kim Kenneth Vinther Larsen (blog-masters), Lene An-Mari Nordsmark (ENSPAC), Iben Ulla Nielsen (CBIT), Sidse Louise Schelde (Roskilde University Library/PURE).</p>

<p>Milestone 5 External fund applications</p> <ul style="list-style-type: none"> • A minimum of DKK 1 million/year in external funding after 2013 <p>Initial budget 2012: 100,000 Expenditure 2015: 43.702</p>	<p>A 5.1: Applications for Nordisk Kulturfond and Clara Lachmans fond supporting milestone 2 (PhD programmes) Status: Declined (2012). Responsible: <i>Jesper Simonsen</i> and Keld Bødker</p> <p>A 5.2: Application for Post Nord Professionals Status: Approved. 28.000 (2013) Responsible: <i>Jan Pries-Heje</i></p> <p>A 5.3: Application for Region Zealand, project Clinical Communication Status: Approved. 300.000 (2013) Responsible: <i>Morten Hertzum</i> and <i>Jesper Simonsen</i></p> <p>A 5.4: Applications for Region Zealand-RUC joint research committee, project Clinical Communication Status: Approved. 3.369.590 and two PhD's (2014) Responsible: <i>Jesper Simonsen</i></p> <p>A 5.5: Application for Copenhagen University, project Clinical Communication Status: Approved. 62.000 (2015) Responsible: <i>Morten Hertzum</i></p> <p>A 5.6: Application for Carlsberg for guest professor Helena Karasti, , project Clinical Communication Status: Declined. Responsible: <i>Jesper Simonsen and Helena Karasti</i></p> <p>A 5.7: Application for Villum for guest professor Helena Karasti, project Clinical Communication Approved. 419.485 (2015) Responsible: <i>Jesper Simonsen and Helena Karasti</i></p> <p>A 5.8: Application, project Design of MOOC, for Erasmus. Status: Declined. DHT-funding: 29.000 Responsible: <i>Lisbeth Frølund</i></p> <p>A 5.9: Application, project Experimental Museum Exhibition Design for Velux. Status: In progress Responsible: <i>Michael Haldrup</i></p> <p>A 5.10: Application, project Italian Drawings for the Municipality of Roskilde Status: Approved, 110.000 (2015) Responsible: <i>Henning Christiansen</i></p> <p>A 5.11: Application, project Clinical Communication for the Danish Council for Independent Research (DFF), 2.589.467 Status: Declined Responsible: <i>Jesper Simonsen</i></p>
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	<p>A 5.12: Application, project Clinical Communication for Nordforsk for participating in a Nordic e-health observatory. 28.400.000 NKR total, 5.359.125 NKR for RUC. Status: Declined Responsible: <i>Jesper Simonsen</i></p> <p>A 5.13: Application, project Italian Drawings for Marie Curie 2.000.000 kr Status: In progress Responsible: <i>Henning Christiansen</i></p> <p>A 5.14: Application, project Clinical Communication for Innovation Fund Denmark Status: In progress Responsible: <i>Jesper Simonsen</i></p> <p>A 5.15 Application for Region Zealand-RUC joint research committee, for additional month for guest professor Helena Karasti, project Clinical Communication, 67.914 Status: Approved. Responsible: <i>Jesper Simonsen</i></p> <p>A 5.16 Application for “longer lasting” funds under Erasmus+ KA2 (Capacity building in the field of higher education), for continuation of the Nordic/International PhD programme in Designing Human Technologies from 2017 Status: In progress Responsible: <i>Jesper Simonsen</i> and David Lamas, Tallinn University, Estonia</p>
<p>Milestone 6 Activities targeting BFI point production (Bibliometric Research Indicator point production) • Increasing trend, min. 50 BFI points in 2016</p> <p>Initial budget 2012: 450,000 Expenditure 2015: 371.123</p>	<p>A 6.1: BFI-relevant applications, e.g. participation in conferences with paper, writing retreats, visits by international guests, academic-personal supervision. Status: 2013: 119,4 BFI achieved from 96 peer reviewed publications. 2014: 96,2 BFI achieved from 148 peer reviewed publications. BFI not yet available. 103 peer reviewed publications. Responsible: <i>Jesper Simonsen</i></p>
<p>Milestone 7 Support for programme development • Presentation on research-based potential for new subject-integrated graduate programmes</p> <p>Initial budget 2012: 0 Expenditure 2015: 17.903</p>	<p><i>NB: This milestone was decided not to be prioritized at the steering committee meeting in February 2013 where DHT was approved: The budget was therefor set to 0.</i></p> <p>A 7.1: Roskilde D.School. Application for a new integrated master education in design and innovation. Status: The application was in 2013 approved by CBIT and forwarded to Roskilde University where it in 2014 was put on ‘hold’. Responsible: <i>Jan Pries-Heje</i></p>

<p>Milestone 8 International conferences at RUC</p> <ul style="list-style-type: none"> • A minimum of two conferences to be held between 2012-2015 <p>Initial budget 2012: 50,000 Expenditure 2015: 75.684</p>	<p>A 8.1: PDC'2012, RUC, Roskilde, 12-16 August 2012, Theme: Embracing New Territories of Participation. 225 participants. pdc2012.org Status: Completed. Organized by RUC/CBIT (co-funded by DHT with CBIT-2012 grant). Responsible: <i>Jesper Simonsen</i></p> <p>A 8.2: DASTS'14, RUC, Roskilde, 12-13 June 2014, Theme: Enacting Futures. (Danish conference with international key-notes). 80 participants. www.dasts.dk/?p=2479 Status: Completed. Organized by RUC/CBIT. Responsible: <i>Sara Malou Strandvad</i></p> <p>A 8.3: Fluid States – Fluid Sounds, Amager, Copenhagen, 18-21 June 2015. 75 participants. fluidsounds.ruc.dk Status: Completed. Organized by RUC/CBIT Responsible: <i>Sanne Krogh Groth and Kristine Samson</i></p> <p>A 8.4: SCIS/IRIS'38 (2014), Sørup Herregaard, Ringsted, 10-13 August 2014. Theme: Designing Human Technologies. 100 participants. iris2014.aau.dk Status: Completed. Organized by RUC/CBIT and CBS Responsible: <i>Jan Pries-Heje</i></p>
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Clinical Communication

Project period: 01/01/2013 – 30/06/2017. <http://dht.ruc.dk/cc/>

The Clinical Communication project focuses on developing electronic whiteboards and their associated work practices. The vision is that information infrastructures, such as integrated whiteboards, will support coordination between clinical departments, and this may drastically improve patient flow, patient treatment, and shared care. The project is based on prior research within effects-driven optimization, also known as Effects-Driven IT Development (<http://www.effectsdrivenit.dk>).

The project aims at supporting local clinical practices analyzed through ethnographic, participatory design, and action research approaches. Another aim is to provide clinicians with competencies to utilize the technology, and to co-construct needed local and global protocols and standards of this information infrastructure by engaging them in participatory design and effects-driven optimization. The results are planned to be scaled and disseminated to the large implementation of the Epic system that will take place during 2016-2017 in Region Zealand and the Capital Region of Copenhagen.

The project is organized in four subprojects:

- Patient transfer and competence building in effects-driven optimization
- Bottlenecks and load barometer
- Outreach from intensive care to general ward
- Mobile Support of Electronic Whiteboards

Participants

- Jesper Simonsen, professor, UDI/CBIT
- Morten Hertzum, professor, University of Copenhagen
- John Damm Scheuer, associate professor, MITRAN/CBIT
- Helena Karasti, guest professor, UDI/CBIT
- Arnvør Martinsdóttir á Torkilsheyggi, phd student, UDI/CBIT
- Kija Lin Østergaard, phd student, UDI/CBIT
- Morten Brandrup, phd student, UDI/CBIT

Partners

- Region Zealand
- Nykøbing Falster Hospital
- Imatis A/S

DHT funding

280.809 DKK

External funding

4.218.989 DKK

Additional funding applications in progress

Currently preparing a large-scale application with the Danish Regions for Innovation Fund Denmark in relation to the Epic implementation in the Capital Region of Denmark and Region Zealand.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/clinical-communication\(b1815df6-d745-4efb-b7b5-fa4bcff9b17e\).html](http://rucforsk.ruc.dk/site/da/projects/clinical-communication(b1815df6-d745-4efb-b7b5-fa4bcff9b17e).html)

Selected publications from 2015

- Simonsen, J., M. Hertzum, H. Karasti (2015). "Supporting Clinicians in Infrastructuring", *Proceedings of the Fifth International Workshop on Infrastructure for Healthcare (IHC)*, 18-19 June, Trento, Italy.
- Simonsen, J., J.D. Scheuer, and M. Hertzum (2015): "Accreditation and Participatory Design in Health-Care Sector", *Proceedings of the 28th Information Systems Research Seminar in Scandinavia (IRIS 38)*, 9-12 August, Oulu, Finland.

Curating Sustainability

Project period: 01.03.2014 – 01.11.2014, <http://dht.ruc.dk/cs/>

Public understanding of environmental issues is critical for the active positions we need to take as individuals and societies for transforming unsustainable to green economic activities. Museums have the potential to contribute significantly to this by communicating scientific knowledge on environmental issues. The study examines the scale and character of environmental exhibitions and collections in Denmark and surrounding countries. The study finds that the scale far from exhausts the potential. Exhibitions predominantly focus on natural science dimensions with limited coverage of the social science aspects of environmental problems and their solutions. Interdisciplinary museum activities including social science aspects on institutions and values are recommended. Moreover, it is argued that the emotions and the scientific and political controversies involved in environmental issues should not be seen as obstacles to museum engagement in the environmental field, but rather as important ingredients in creating valuable museum experiences.

Participants

- Anders Christian Hansen, Associate professor, ENV/DYN/ENSPAC
- Connie Svabo, Associate professor, VISPER/CBIT

Partners

- Lerke Arentoft Johansen
- Katrine Bergkvist Hansen

DHT funding

40.000 DKK

External funding

0 DKK

Additional funding applications in progress

The university has applied many private foundations for funding of a project with the aim of founding the Environmental Museum of Denmark at Roskilde University by the end of 2017. Until now (Nov. 1. 2015) the applications have not been successful.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/curating-sustainability\(28617eba-fd43-4cac-920d-4157018e794e\).html](http://rucforsk.ruc.dk/site/da/projects/curating-sustainability(28617eba-fd43-4cac-920d-4157018e794e).html)

Selected publications from 2015

- Hansen, AC, Svabo, C, Bergkvist Hansen, K & Arentoft Johansen, L 2015 'Et miljømuseum i Danmark. Behov, potentialer og udfordringer' Roskilde Universitet, Roskilde. ENSPAC Research Papers on Transitions to a Green Economy, nr. 2, vol. 2015
- Hansen, AC, Andersen, HL & Bærenholdt, JO *Danmarks Miljømuseum - et visionsoplæg*.

Design of Feedback-based E-decisions

Project period: 01/02/2013-31/01/2014, <http://dht.ruc.dk/projekter-2/design-of-feedback-based-e-decisions/>

Based on preliminary findings from a case study, new ways of analyzing feedback from social media will be explored through design experimentation. We focus on how feedback, such as Word-of-Mouth (WoM), can be used to design better e-decisions.

- Insights from start-ups and established companies
- Value based online communication
- Research focus on social media
- Design and electronic Word-of-Mouth (WoM) as a tool in online communication
- Design in decision making to establish a business
- Design ‘thinking’ in online markets to make a better world

Participants

- Jan Pries-Heje, professor; UDI, CBIT/RUC
- Markus Holzweber, assistant professor, MIT/CBIT,
- Jan Mattson, professor, MIT/CBIT

Partners

- Case Company
- People People (Sweden)

DHT funding

70.000 DKK

External funding

0 DKK.

Additional funding applications in progress

None

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/design-of-feedbackbased-edecisions\(9501f87a-96fb-43b7-85a3-d0b3a4ae5850\).html](http://rucforsk.ruc.dk/site/da/projects/design-of-feedbackbased-edecisions(9501f87a-96fb-43b7-85a3-d0b3a4ae5850).html)

Selected publications from 2015

Holzweber, Markus; Mattsson, Jan; Standing, Craig (2015): "Entrepreneurial Business Development Through Building Tribes". *Journal of Strategic Marketing*

Design of MOOC

Project period: 01/10/2014-28/02/2015, <http://dht.ruc.dk/mooc/>

Lisbeth Frølunde and Bojana Romic identified the need to perform a small-scale feasibility study in order to map out and determine how a MOOC (Massive Open Online Course) could be designed specifically for a project entitled Narrative Seeds. The primary goal was to make an overview of available MOOCs as input into further design process with four European youth media partners in Narrative Seeds (in spring 2015), and a subsequent reapplication in 2016. Recommendations about MOOCs are in line with traditions of critically exploring the pedagogical use of a variety of technologies, materials and approaches at RUC.

The objectives of the feasibility study on MOOCs are:

- *Locating RUC's position, roles and needs in regard to producing and hosting a MOOC.*
- *Determining the most suitable MOOC for RUC (and Narrative Seeds partners) (e.g. Coursera, edX, Udacity...)*
- *Considering the practical challenges (such as hosting, cost, producing instructional content, copyright, type of contracts, etc.)*

Frølunde and Romic conducted interviews in 2015 with representatives from institutions that have made MOOCs (Copenhagen University, UC Zealand) and experts at RUC. We found that a MOOC is not optimal for this European project and network of partners. A MOOC is not a feasible solution now because of: the high production cost, the coordination required in this kind of centralized effort (for instance, run by an online learning team within a university), and the need for sustained interaction by instructors. As a start toward a MOOC, a bottom up approach to co-creating a site or wiki with contents (books, articles and videos) is more relevant in order to develop and share contents. Other platforms offer affordances suitable to partners, such as: wikispaces, ISSUU (online books), affiliation with other sites (such as Everyday Stories, CPH:DOX, and the new Open Media Lab at RUC: openmedialab.dk), and YouTube.

Participants

- Lisbeth Frølunde, Associate professor, DK/CBIT
- Jørgen Lerche Nielsen, Associate professor, DK/CBIT
- Mette Wichman, PhD Student / Part-time Lecturer, DK/CBIT
- Sanne de Fine Lich Raith, PhD Student / Part-time Lecturer, CBIT

Partners

- Bojana Romic, Ph.D. Independent researcher, Denmark (on maternity leave)
- Karen Siercke, Librarian, CEO at Hygge Factory, Denmark (on maternity leave)
- Irene White, Lecturer, Dublin City University, Ireland
- Mikkel Hvidtfelt Andersen, Librarian, Denmark (prev. RUB, now at ITU)
- Charles Autheman, CEO at Labo des Histories Paris, France
- Sean Love, CEO at Fighting Words, Dublin, Ireland
- Francesca Frediani, CEO at La Grande Fabbrica delle Parole, Milano, Italy

DHT funding

63.257 DKK

External funding

None

Additional funding applications in progress

Planned external funding to Erasmus+ in 2016, incl. unknown amount applied for by RUC. Partners and coordination is in process. (The application to Erasmus+ in 2015 was turned down.)

All publications (2013-2015) none

[http://rucforsk.ruc.dk/site/da/projects/design-of-mooc\(4e9420d0-3eda-44a5-a76d-ed7e88540f7e\).html](http://rucforsk.ruc.dk/site/da/projects/design-of-mooc(4e9420d0-3eda-44a5-a76d-ed7e88540f7e).html)

Selected publications from 2015 - 16

Plan for submission: journal IRRODL <http://www.irrodl.org/index.php/irrodl/issue/view/71>
 conference <http://www.designsforlearning2016.aau.dk/>

Design of Working Life in Temporary Projects

Project period: 01/01/2015-30/06/2016, <http://dht.ruc.dk/design-of-working-life-in-project-work/>

The group will develop an interdisciplinary research that examines the interaction between physical space, technology solutions and social relations with the project work's time environment as the focal point.

Research questions are:

- How can projects be organized so that it support a better time environment?
- What processes, activities and actors promotes the development of better time environments in project work?

Participants

- Helge Hvid, professor, ALIV/ENSPAC
- Jan Pries-Heje, professor, UDI/CBIT
- Kristine Scheller, scientific assistant, ALIV/ENSPAC

Partners

- Keld Bødker, UDI/CBIT
- Sidsel Grosen, ALIV/ENSPAC
- Peter Hagedorn Rasmussen, MITRAN/CBIT
- Henrik Lund, ALIV/ENSPAC

DHT funding

112.411 DKK

External funding

0 DKK.

Additional funding applications in progress

The group mentioned above has started a research collaboration focusing on the research questions of the project. The group will submit a research application to 'The Danish Working Environment Research Fund', February 2016.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/design-of-working-life-in-temporary-projects\(274851ac-ffa8-4205-af19-85231218fa1c\).html](http://rucforsk.ruc.dk/site/da/projects/design-of-working-life-in-temporary-projects(274851ac-ffa8-4205-af19-85231218fa1c).html)

Selected publications from 2015

Vibeke Kristine Scheller, Jan Pries-Heje, Helge Hvid (2015): Fast or smart? How the use of scrum can influence the temporal environment in a project. In Jan Pries-Heje & Per Svejvig (eds.) (2015): Project Management. Theory Meets Practice. Roskilde University Press.

Experimental Museum Exhibition Design

Project period: 01/01/2013-30/06/2016, <http://dht.ruc.dk/projekter-2/experimenta-exhibition-design/>

The project develops a generic digital/spatial framework which facilitates the design of interactive installations. The framework provides possibilities for visualization, sound and animation, as well as the interaction by user-tracking, position-aware image and sound. Based on the concept of the experience cylinder, the project implements semiotic resources, narratives and expressions in an immersive 360 degrees environment. The goal is to create a generic tool for non-technical designers. The project is related to the main focus area Aesthetics, Experience and Learning, and involves computer science, art, aesthetics and museum studies as well as ethnography.

A close collaboration with the Viking Ship Museum (VM) has developed during the project period. As part of the museums aim to disseminate knowledge about marine archaeology and marine archaeological heritage, the museum will open a new exhibition area in 2016 (the Marine Archaeological Experimentarium) dominated by interactive installations to let visitors study underwater archaeological spots and experience how marine archaeologists work. The main installation in the new exhibition is a copy of the experience cylinder developed in this DHT project. A related activity resulting from the close RUC/VM museum exhibition collaboration is a fall 2015 Interaction Design Course at RUC, where 62 students as the main practical assignment will develop ideas and implement prototypes of installations for the Experimentarium area at VM. As an evaluation activity the students will exhibit their results at the museum for the public and the media during a special VM exhibition day in November 2015.

Being the main activity in Experience Lab(ExLab)/RUC 2013-2015, this DHT project has had a crucial influence on the development of ExLab as active experimental research lab.

Three papers are in the pipeline for publication early 2016 based on the first experiments in the exhibition environment.

Participants

- Troels Andreasen, associate professor, PLIS/CBIT
- Michael Haldrup, associate professor, VISPER/CBIT
- Connie Svabo, associate professor, VISPER/CBIT
- Anita Schou Kjølbaek, academic staff, ENSPAC
- Steffen Thorlund, IT consultant / Main Programmer, CBIT and VM
- Nikolai Møbius, IT consultant, FABLAB/RUC

Partners

- The Viking Ship Museum, Roskilde

DHT funding

600.000 DKK

External funding

The Marine Archaeological Experimentarium at VM has received a 200.000 DKK in external founding (and expects more to come) and will use this in part to “borrow” the main programmer in this DHT project.

Additional funding applications in progress

In collaboration with the Viking Ship Museum we plan to apply for a joint funding in 2016.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/experimental-museum-exhibition-design\(e2c0085f-884c-4159-86c8-6d102bbbeb0e\).html](http://rucforsk.ruc.dk/site/da/projects/experimental-museum-exhibition-design(e2c0085f-884c-4159-86c8-6d102bbbeb0e).html)

Selected publications from 2015

- Heritage as Performance. / Haldrup, Michael; Bærenholdt, Jørgen Ole. The Palgrave Handbook of Contemporary Heritage Research. Emma Waterton; Steve Watson. Palgrave Macmillan, 2015. s. 52-68.

Future Zone

Project period: 1.9.2013 – 1.3.2016, <http://dht.ruc.dk/fz/>

The design of a theoretical model regarding change, certainty and complexity. The model includes framing the usual opposite notions: change/static, certainty/uncertainty and complexity/simplicity.

The development of methods for the facilitation of change. We focus on the use of visual artefacts to enrich communication in organizations and methods that capture different scenarios of the future.

Participants

- Anita Mac, Associate professor, MITRAN/CBIT
- Sabine Madsen, Associate professor, UDI/CBIT (1.9.2014-30/6/2014)
- Lisbeth Frølund CBIT (1.9.2014 – 30/6- 2014)

DHT funding

75.000 DKK.

External funding

0 DKK.

Additional funding applications in progress

None

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/future-zone\(4c089d70-6cdd-41d6-b871-7e267117994d\).html](http://rucforsk.ruc.dk/site/da/projects/future-zone(4c089d70-6cdd-41d6-b871-7e267117994d).html)

Selected publications from 2015

- Mac, A: "Hvorfor planætter vi so mom vi kender fremtiden" . Videnskab. Dk. Juni 2013
- Mac, A & Jerl, N: Dyrk kompleksiteten til at skabe stærke resultater". Ledelse idag. April 2014
- Mac, (eds) Forandringsforståelse. Work in progress. Udgives på Samfundslitteratur forår 2016. Sammen med: Schlamovitz, J; Madsen, S; Nielsen, T; Ejlskov, M & Sørensen, S.

Italian Drawings

Project period: 1/2-2014 – 30/6-2016, <http://dht.ruc.dk/id/>

The project investigates new ways of disseminating art based on interactive installations. We have set the focus on the artist's sketchbooks and its inherent qualities. The virtual sketchbook is a recurring metaphor and appearance in our installations. Two types of installations have been developed and studied: a four-book version in the Experience Cylinder (of RUC's experience Lab), and a single-book installation based on two projectors shooting into a corner of, say, an exhibition room in a museum, and a sensor with simple gesture recognition. The latter version is the most successful one, being a "clean" book that is loyal to an existing book and the task of making that book available to the museum visitor (i.e., no "smart" computer effects allowed, which would destroy the illusion of a book); however, the installations provides an enhanced experience due to the oversize, the direct interaction and (not least) that fact that the content of a fragile and irreplaceable becomes available for the visitor. The last part of the project concentrates on evaluation and perfecting of the design.

Participants

- Henning Christiansen; Professor, PLIS/CBIT
- Bjørn Laursen, Associate Professor, VISPER/CBIT
- Magnus R.P. Hansen, Assistant professor, UDI/CBIT

Partners

- Nivaagaards Malerisamling, Øregaard Museum, Ribe Kunstmuseum

DHT funding

259.481 DKK

External funding

110.000 DKK — in a spin-off project "Kulturportalen" (involving also non-DHT researchers); installations in the urban space, Roskilde

Additional funding applications in progress

An application to EU's Marie-Curie calls is being planned, with a contribution which is a continuation of the Italian Drawings project with more weight on interactive theater; expected part about 2.000.000 DKK

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/italian-drawings\(46061db6-40b0-44a1-a3cc-b0b8ffed3c7d\).html](http://rucforsk.ruc.dk/site/da/projects/italian-drawings(46061db6-40b0-44a1-a3cc-b0b8ffed3c7d).html)

Selected publications from 2015

- Website: <http://viskbook.com> "VISKBOOK by Laursen and Christiansen: Virtual sketchbooks, what and why"
- Two scientific articles are under development; 1: One describing the overall approach: the interactive book in oversize as new way of presenting art (for a journal on dissemination of art); 2: An evaluation evaluation of the quality of the experience obtained by the interactive book in oversize (for an HCI conf. or journal)
- Main external attention to the project has been created through installations integrated in art exhibitions in prestigious Danish art museums, in 2015 Ribe Kunstmuseum. An installation is planned for BogForum 2015, which is a big fair at Bella Center.

Network for Design of Robust Organizational Change

Project period: 15/08/2013-30/06/2016 <http://dht.ruc.dk/ndro/>

This project intended, and has succeeded, in creating a network of researchers and practitioners who explore the design of robust organizational change. Key questions have been: What do researchers and practitioners know about designing robust organizational change? What does robustness actually mean? To be resilient? To be agile and flexible? How do we create more robust organizational change processes? In November the network will meet and explore the relationship between temporality, time and the design of robust organizational change. It will be the ninth time we meet. Among other we have explored design of robust organizational change, social capital and relational coordination; the role of translation in designing change processes, the role of resistance in change projects, the meaning of implementation and how measuring organizational activities contribute to robust organizational change.

Results of the project

The project has established an ongoing network, which continues. In 2016 we have planned three seminars including a 12-12 seminar with new themes to explore. Researchers and practitioners from the network are in the midst of writing a research based book on the subject intended for the reflective practitioner and students within the area.

Participants

- Peter Hagedorn Rasmussen, Associate professor, MITRAN/CBIT
- John Damm Scheuer, Associate professor; MITRAN/CBIT
- Jan Pries-Heje, Professor; UDI/CBIT
- Keld Bødker, Associate professor, UDI/CBIT
- Katia Dupret, Associate professor, PAES

Partners

- Steen Elsborg, Partner in the firm "LDI - Læringsdrevet Innovation"
- Practitioners who work within the area – a little more than 30 active members are associated

DHT funding

239.000 DKK.

External funding

There have been no external funding – however participants pay a smaller fee covering some of the costs at the network-meetings. Overall this has financed around 54.000,- kr

Additional funding applications in progress

In the future the network will be financed by the participants and in part by Master of Project management and Process improvement in so far as it will also serve as an alumni network

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/netvaerk-for-design-af-robust-organisationsforandring\(d648912d-6618-4ed5-81e6-f4a88a9947d1\).html](http://rucforsk.ruc.dk/site/da/projects/netvaerk-for-design-af-robust-organisationsforandring(d648912d-6618-4ed5-81e6-f4a88a9947d1).html)

Selected publications from 2015

- Hagedorn-Rasmussen, Peter. 2015. Weaving with text. Managers who create context through authorship. 2015. Paper presented at Organizational Learning, Knowledge and Capabilities (OLKC), Milano
- Pries-Heje, Jan, Jong Seok Lee & Richard Baskerville (2015). The Creativity Passdown Effect: Applying Design Theory in Creating Instance Design. Information Technology and People, Vol. 28, No. 3, pp. 529-543.
- Pries-Heje, Jan & Jørn Johansen (2015). Choosing change strategy for ISO 33014. Journal of Software Evolution and Process. Published online in Wiley Online Library (wileyonlinelibrary).
- Baskerville, Richard & Jan Pries-Heje (2015). Projecting the Future for Design Science Research: An Action-Case Based Analysis. In: New Horizons in Design Science: Broadening the Research Agenda. Vol. 9073 Springer, 2015. p. 280-291 (Lecture Notes in Computer Science).

Situated Design Methods

Project period: 01/01/2013-01/10/2014, <http://dht.ruc.dk/sdm/>

‘Situated Design Methods’ is a book that many of our design-oriented students has asked for – they asked for a good, research based book about *how* to make design-oriented projects in their humanistic-technological field. 24 researchers from *Designing Human Technologies* took the challenge of this demand and wrote the book. The book – along with the previous book, *Design Research* (Routledge, 2010) – has been of utmost importance for the strategic research initiative in establishing a shared ‘language’ and platform for establishing and strengthen a common design-oriented research identity at Roskilde University.

The book introduces design methods across disciplines and fields, has a transdisciplinary approach and argues that situatedness is a premise for design. The book contains a collection of 18 different methods for participatory and design-oriented projects with the aim of supporting processes of collaboration, for creation of aesthetic experiences and for improving increased sustainability.

MIT Press’ senior editor wrote about the book:

- “*This is going to be a superb book and I fully expect it to have lasting impact.*”
- “*It’s a perfect fit for the Press and the Design Thinking series.*”

The anonymous international reviewers wrote about the book:

- “*I have been aware of and appreciated the work of the people at Roskilde University [...] for a long time. Their unique experimental attitude both toward curricula and how to construct successful interdisciplinary activities has an international reputation, one justified in my view.*”
- “*I particularly trust the basing of such views in the tradition of Participatory Design, a form of design in relation to which Roskilde scholars have made a substantial contribution.*”
- “*To the best of my knowledge, it is original.*”
- “*[P]roviding the breadth and coverage that have not previously been presented in the design field.*”
- “*Its originality and scholarship are important in the way it will offer a breadth not currently available.*”

Participants

- Jesper Simonsen, Professor, UDI/CBIT
- Connie Svabo, Associate professor, VISPER/CBIT
- Sara Malou Strandvad, Associate professor, VISPER/CBIT
- Kristine Samson, Associate professor, VISPER/CBIT
- Morten Hertzum, Professor, University of Copenhagen
- Ole Erik Hansen, Associate professor, METRIK/ENSPAC
- 19 co-authors from DHT/RUC and 5 other co-authors from Denmark, USA and Australia.

Partners

- MIT Press

DHT funding

60.000 DKK.

External funding

0 DKK.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/situated-design-methods\(0eb76c68-6cc1-4e43-9a7c-4cf040d91749\).html](http://rucforsk.ruc.dk/site/da/projects/situated-design-methods(0eb76c68-6cc1-4e43-9a7c-4cf040d91749).html)

Social Interaction around Installations

Project period: 01/11/2013-30/06/2016 <http://dht.ruc.dk/social-interaction-around-installations/>

The focus of the project is social interaction in groups working towards a common goal. The project will develop a bio-feedback-based installation using light and sound to provide stimuli as well as responses. The overall purpose of the installation is to device a tool that promotes favorable conditions for creative processes in a group – a tool that can be used for collaboration training purposes.

While using the installation each individual participant will be monitored using a heart rate monitor. Based on the signal, the system derives the individual heart rate variability of the group participants and joins the individual results into an overall measure for the group as a whole. Variability in heart rate, and the pattern that is created therein, is tightly connected to mental and emotional states and by joining individual state indicators we obtain an indicator for the group. Our hypothesis is that this indicator, when used by a group in a stimuli-response flow during training with the installation, will promote a condition that ease creative processes and collaboration in the group. Furthermore our claim is that a group, after training with the installation, will have increased ability to obtain favorable conditions without using the installation.

A first prototype providing light change feedback on a large white glass bulb has been developed. A second prototype is under development based on a redesign to improve the first with better and more relaxing lightening, synchronized sound, and better wearable heart rate monitors. The monitoring in the first prototype appeared to be imprecise due to electrical noise and difficulties with attachment of the simple earlobe clips.

Experiments to evaluate the prototype, the hypothesis and the impact the device has on the participants and their social interaction will be initiated as soon as the state of the prototype allows this – expected to be second half of November 2015.

Participants

- Troels Andreasen, associate professor, PLIS/CBIT
- Henriette Christrup, associate professor, VISPER/CBIT

DHT funding

75.000 DKK

External funding

0 DKK.

Additional funding applications in progress

None

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/social-interaction-around-installations\(b2dae971-6fd1-4dd7-9310-48ba53ec781c\).html](http://rucforsk.ruc.dk/site/da/projects/social-interaction-around-installations(b2dae971-6fd1-4dd7-9310-48ba53ec781c).html)

Selected publications from 2015

None

The Robust Organizational Translation Network

Project period: 01/09/2014-01/09/2017, <http://dht.ruc.dk/trot/>

The network consists of researchers interested in researching and developing the translation perspective on organizational change processes. The perspective represents a promising alternative to how organizational change processes are theorized in implementation science, strategy - and policy-implementation, IT-implementation, diffusion of innovations and design theory. The translation perspective is highly relevant in relation to understanding change processes and/or solving "high impact" problems related to socio-technical change of organizations.

The network has studied how innovative ideas travel and are translated as they are implemented in organizations. Focusing on how concepts like LEAN, BPR, clinical pathways and risk-management systems are implemented in practice, as well as on how management work might be seen as a design process characterized by ongoing translation processes. Outcomes of the collaboration are a research seminar in "translation studies" held at RUC in april 2015, acceptance of a translation track at The European Academy of Management (EURAM) conference in Paris 2016 (labelled "Next Management Theory) and acceptance of track about translation at the yearly Norwegian Conference for Organizational Researchers (NEON) November 2016. The future plans of the network include publishing a special issue as well as a book.

Participants

- John Damm Scheuer, associate professor, MIT/CBIT
- Peter Hagedorn Rasmussen, associate professor, MIT/CBIT
- Birgit Jæger, associate professor, DN/ISG

Partners

- Kjell Arne Røvik, professor, The Arctic University of Norway
- Dimitri Spyridonidis, Lecturer in leadership, Henley Business School/Imperial College Business School
- Jostein Langstrand, Senior Lecturer, Linköping University

(These are the most important partners. The network however have 12 other members who are participants but have not been involved in the planning of the networks activities. The total number of participants/researchers in the network is 18)

DHT funding

23.000 DKK

External funding

0 DKK

Additional funding applications in progress

Application send in to The Norwegian Research Council in order to obtain funding for the "translation studies" track at the yearly Norwegian Conference for Organizational Researchers (NEON) in Tromsø, November 2016.

All publications (2013-2015)

[http://rucforsk.ruc.dk/site/da/projects/projekt-robuste-organisations-translationer\(a970b7eb-a6c8-49fc-b4ba-98ffdd377975\).html](http://rucforsk.ruc.dk/site/da/projects/projekt-robuste-organisations-translationer(a970b7eb-a6c8-49fc-b4ba-98ffdd377975).html)

- Scheuer, John Damm (2013): Relational Inertia in: Niels Christian Mossfeldt (red.) (2013):The Shadowside of Worklife – modern worklife 2, The Publishing Company KLIM Århus (in Danish).

Work-in-progress

- Rasmussen, Peter Hagedorn (2015): Weaving with text – Managers who create context through authorship, working paper, Roskilde University.
- Scheuer, J.D (2015): From resistance to relational inertia: Relational inertia related to the construction of a risk-management system in an orthopaedic clinic, paper submittet to Organization Studies special issue: Resistance, resisting, and resisters in and around organizations.

Designing Human Technologies

Designing Human Technologies is a design-oriented Strategic Research Initiative supporting Roskilde University's new Humanities and Technology bachelor programme ('HumTek'), and its three dimensions: Design, Humanities, and Technology. The research initiative involves many researchers from different departments and research groups at Roskilde University through a shared interdisciplinary research and educational collaboration. As a creative research initiative it focuses on change and innovative thinking. The innovativeness is a result of the strongly interdisciplinary perspective which is at the heart of *Designing Human Technologies*. This research field thus cuts across the four main areas of the Humanities, the Social Sciences, the Technical Sciences and the Natural Sciences and involves RUC researchers with all four perspectives.

Designing Human Technologies is a **design**-oriented research field, the purpose of which is to be constructive (to make designs) and solution-oriented in close dialogue with citizens and users (who identify a need or a problem). The university's special contribution toward fulfilling this purpose is (1) to provide an analysis of the relevant issue, (2) to design solutions for particular issues through, for example, action research and (3) to reflect on how designs are used and incorporated in human lives. We have a basic **human** principle that users, target groups, and other central stakeholders must participate in the design and the design process, in ethical and society-related concerns, and in evaluating how designs fulfill needs and solve problems. *Designing Human Technologies* subscribes to a broad **technology** concept including information and communication, mobile, environmental/sustainable and energy technologies and technologies relating to performances and experiences, urban design, climate adaptation, etc.

The research takes a process-oriented and participatory approach and involves interaction between different user interests and designs. It is based on empirical, typical case- and action research-oriented studies undertaken in partnerships with public institutions and private-sector enterprises. A particular strength is the interdisciplinary approach facilitating intensive research of the interactions between different human technologies, and the ways in which humans and technologies are integrated. The concept of *Human Technologies* indicates this very integration. *Designing* is analytical, constructive and reflective: The research conducted questions how human technologies work, how they are understood, what knowledge can be acquired from taking part in designing human technologies and in which ways research can contribute to these processes.

Purpose

Designing Human Technologies consists of many researchers and research groups, each having well-established activities, but also having different networks, research domains, backgrounds, approaches and theoretical frameworks.

The purpose is to establish and strengthen a common research identity at RUC, comprising all academic resources with design interests. The goal is for *Designing Human Technologies* to become a new hallmark for RUC by 2016 and at the same time to constitute one of RUC's beacons in interdisciplinary research.

The research initiative should create the best possible conditions for researchers to meet, exchange findings and experiences, set up collaborations and carry out joint projects across research groups and departments. The strategy is to enable the currently existing well-

established research groups representing the many different epistemological and ontological theories at RUC to enter into dialogue in order for synergies to develop.

The focal point of the research initiative should be research. There should, however, also be support for the development of new graduate and PhD programmes targeting the HumTek area.

Focus

The research initiative addresses three issues/themes. Common to all three themes is a concern for the ethical aspects, through which researchers can explicate their reasons for and opinions on research activities and findings. Two of the themes refer to application areas (“Development and design of socio-technical systems” and “Aesthetics, experience and learning”), the third theme cuts across application areas (“Design as a scientific method”).

Issue/theme 1: Development and design of socio-technical systems

Technological developments have increasingly narrowed the gap between social systems and technological systems. Today, human, social, material and technological systems are interconnected in ways that differ significantly from what characterised former societies. This trend can be seen in all areas of society: organisation and IT system development in for example the health sector, development of urban spaces, design of performances, design of museum events, development of environmentally friendly alternative technologies in the building and transport sectors, etc.

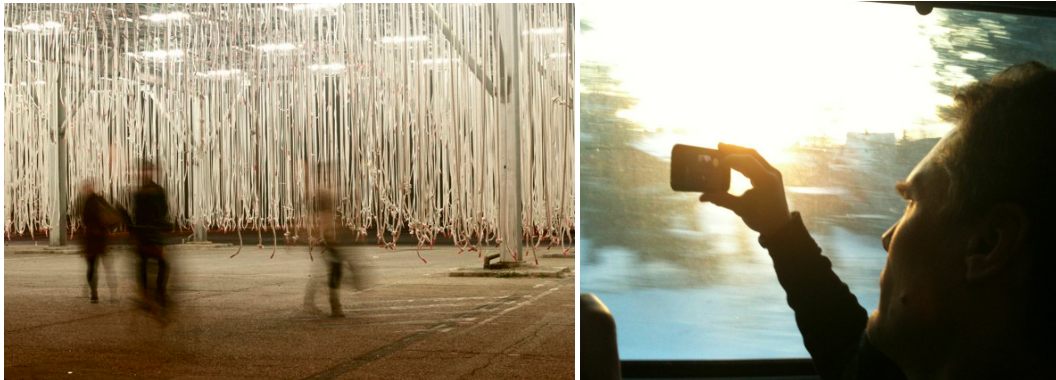
The focal issues in this context are the development and design of socio-technical systems for social benefit. The purpose is to provide research-based knowledge about the development and design of new, innovative socio-technical systems in all those areas where RUC has special skills: health promotion, health and IT, environment/sustainable technology and renewable energy technologies, in relation to the service innovation area, business administration and network-based public sector management, museums and performances, etc. The initiative is based on the design, development and testing of prototypes and specific useful solutions in each of these areas in close collaborations among users, designers and researchers. The intention is to work pro-actively and solution-oriented and to draw on action research, knowledge on user-driven innovation and other collaboration-oriented methods, in relation to which RUC has special skills.

Apart from the above special characteristics, research in the development and design of socio-technical systems at RUC can be characterised as follows: Focus is on a solution that “works” rather than on what is “true” or “not true”. Focus is on creative, innovative new design(s) based on current and imagined technological and social opportunities rather than on how socio-technical systems have so far been built within a specified area. Focus is more on practical, interdisciplinary problem-solving and research than on mono-disciplinary problem-solving and research. The objects of research comprise design and design processes in connection with construction and re-construction of socio-technical systems, and – in its basic form – research comprises studies of humans, objects, contexts and the interaction between these elements.

Researchers and research projects representing all of RUC's main areas are invited to participate in the development of this research area. The criteria for participation are: 1. That the purpose of the research is to solve a specific and practical societal issue; 2. That the research involves the construction or attempted construction of a new and innovative socio-technical system combining technological and social elements in a new way; 3. That it takes place in close collaboration between relevant stakeholders such as users, local change agents, designers and researchers; 4. That the researcher or research group explicitly considers their project

a design project, the purpose of which is to provide general or area-/sector-specific research-based knowledge on the design of socio-technical systems.

Issue/theme 2: Aesthetics, experience and learning



It is possible to conduct research in many subject fields or themes under this headline. We propose an orientation toward the following three general aspects: product, process and media.

- Product-based and physical location-based experiences. *Experiences* comprise events (for example design, experience-based learning, concert design, festival, learning space, temporary urban space) and other forms of spatial design (for example experience design, curating and museum communication). *Product* comprises intangible products: video, games, plays, 3D interactive installations, software architecture. Product as an aspect comprises perspectives on the work/design product, its aesthetic shape and expression (the artistic mode of expression, narrativity and style of the product).
- Process. Learning as a process employing different types of productions (for example students, museum visitors) uses various virtual and physical technology platforms for learning games, learning space, e-learning platforms, etc. It also comprises collaborative work processes, dialogical and iterative understandings of design and design methodology and conditions for design as a *creative process* – to perform intended work (in the design process) towards unintended concept development. Experience-based learning and productive processes are considered integral elements and support the learning and design process.
- Media. Cross-medial means of communication and use of modality where affordances such as spatial, auditory and visual communication are explored. In this context, we invite students/researchers to consider the product-related consequences of the choice of media in design processes, (cf. McLuhan, “The Media is the Message”), for example, the meaning inherent in the modality we choose. Thus, the media is considered a methodical tool used in the process of creation.

A common feature of the three aspects is that we can raise a number of ethical questions in connection with the use of aesthetics, experiences and learning design. Ethics also forms part of the researcher's rationale and opinions on his/her academic field. Creating experiences and aesthetics is increasingly used in areas such as welfare services and processes in society, for example in marketing, user and citizen involvement, political campaigns, etc. Ethical questions arise, for example, in respect of the limits of designing sensory experiences and products. From a critical perspective, it will be explored where the line is drawn for promoting aesthetics and the experience society. From a more affirmative perspective, it will be considered in which way aesthetic design can improve society, for example, by opening and being

open to sensory and creative aspects of everyday life or by extensively humanising communication, processes and the welfare system.

Issue/theme 3: Design as a scientific method

Everybody is capable of making design, but how do we make design scientifically? Basically, design as a scientific method is about creating design for the purpose of learning and providing new knowledge. What guidelines, directions or examples are required for us to be able to consider design a scientific method in line with other scientific methods? Do the repeating, predicting, tracing and measuring of elements carry the same weight and meaning when we are designing for the future than if we were studying the present? This research initiative will study and develop design as a scientific method:

- *Exploratively* by providing a description of and by comparing a number of different scientific methods within the area. In this context, the book project *Situated Design Methods* plays a key role (see below).
- *Analytically* through studies of how designers (and professionals, i.e. professional designers, artists/artist craftsmen, performers of experimental methods such as historians/archaeologists working “to create design”) may provide knowledge on systematics in relation to the design process and its central moments of iteration, abstraction and evaluation.
- *Proactively* where projects within the research initiative through action research develop and test methodical approaches, thus focusing on “research-through-design” within different domains. Projects stated under issue/theme 1 will typically help to contribute in this context.

What we intend to achieve is not a specific cookbook type of method, but rather a methodology, i.e. the science of all the specific methods and approaches falling within the framework of design as a scientific method. Such methodology will undoubtedly have some of the following meta-characteristics: *Iteration*, because you seldom or never (?) succeed in creating a design in the first attempt. *Abstraction*, because the specific design artefact seldom is of interest to others than those directly involved. *Evaluation*, because it is not until a design is evaluated that you note whether the solution of a problem or the fulfilment of a need is associated with it.

Studying “Design as a scientific method” can be approached in many ways. One of them is to study how design research is conducted – what methods or what specific techniques are applied? In this context, this issue/theme can easily be linked with the two other themes, for example, the method used in socio-technical design.

A different way of studying design research is by describing a method and then testing it and evaluating the result. Such evaluation could take place in the laboratory, for example by letting two groups solve the same problem, with only one group having access to the new method, or it could be done by taking a naturalistic approach involving the right users and the right problems in the right context.

Context, is, in other words, a key concept relating to design as a scientific method. Many have claimed that it is hardly possible to use the same method in all situations. There is a need for something situated, i.e. something that appropriately takes the situation into consideration either by rendering the method situation-specific or by allowing the user to stop during the process to consider the situation and set a “course” (application of the method) accordingly.

In addition, RUC researchers are capable of designing things in a scientific manner, such as a new “experience cylinder installation” for a museum. This is a third form of research in design as a scientific method.

Status of plans and activities (January 2013)

The research initiative will formally commence as a RUC Strategic Research Initiative in 2013, but started as a research initiative for the Department of Communication, Business and Information Technologies (CBIT) and the Department of Environmental, Social and Spatial Change (ENSPAC) respectively in 2012. In 2012, work was performed on six main activities:

1. Review of description, focus, milestones and budget

In 2012, five meetings were held with the Steering Committee and three with the reference group. A seminar was held on 27 November with all participants of the research initiative.

The description of the research initiative is set out in this document which was approved at the meeting with the Steering Committee on 21 February 2013.

2. Organisation

A management team and a reference group have been set up for the research initiative:

Director: Jesper Simonsen (CBIT)

Deputy Director: Michael Haldrup (ENSPAC)

Reference group:

- Jonas Larsen (ENSPAC)/The most important publications from the research group (MOSPUS)
- Thomas Budde Christensen (ENSPAC)/Environment, Energy, Transport - Regulation, Innovation, and Climate Policy (METRIK)
- Erling Jelsøe (ENSPAC)/Health Promotion (SUNDFREM)
- Jan Pries-Heje (CBIT)/User-driven IT innovation (UDI)
- John Scheuer (CBIT)/Organisations, change and management (VFL)
- Lisbeth Frølund (CBIT)/Knowledge, Production and Communication (KPC)
- Sara Malou Strandvad (CBIT)/Visual Culture and Performance Design (VISPER)

3. In-house seminars

Study groups have regularly been held (four times per semester) where RUC researchers and international guests have given presentations.

4. Book project

The book project is a follow-up on the book *Design Research: Synergies from Interdisciplinary Perspectives*, Routledge, 2010.

The title of the new book is: *Situated Design Methods*. We have received no fewer than 30 abstracts for chapters from 40 authors which is an indication of a strong interest in contributing to methodology-oriented literature, highly demanded by the Humanities and Technology students. So far, 21 contributions have been selected to constitute the basis, on which the book is to be written.

A two-day seminar was held at “Søminestationen” on 24-25 October 2012 when the draft book and its chapters were reviewed.

The book will greatly demonstrate RUC's distinctive research in the field. The book is to be divided into four parts under the headlines: Methods for Projects; Methods for Collaborative Processes; Methods for Aesthetic Experiences; Methods for Sustainability.

The schedule is:

- 15.03.2013: Deadline for full chapters
- 17-18.04.2013: Seminar II at "Søminestationen"
- 01.06.2013: Deadline for revised chapters
- January 2014: Publication

5. International conference

On 12-16 August, RUC/CBIT held *The 12th biennial Participatory Design Conference (PDC'2012)*. The conference attracted a record high number of participants (225) from 25 countries.

In connection with the conference, a new international handbook in Participatory Design was published (Routledge International Handbook of Participatory Design), a special issue on Participatory Design (MIT Press Journal: Design Issues), and RUC launched a new world portal (pdcproceedings.org), giving access to and providing free text search for all research published from the Participatory Design conferences since the first conference in 1990.

6. PhD network

RUC has filed two applications to The Nordic Culture Fund and the Clara Lachman Foundation respectively for the funding of a Nordic PhD design network. However, both applications were turned down. The process has gathered researchers from Denmark, Norway, Sweden and Finland and was followed up by a meeting at Malmö University and a meeting at the Participatory Design 2012 conference. The plan is to file new applications to raise funds for setting up a Nordic PhD design network.

An introductory, combined network meeting and PhD seminar will be held at "Søminestationen" on 26-28 May 2013.

Milestones and budget for the Rector's grant

The research initiative has planned milestones as set out in the table below. Measurable milestone results appear from the bullet list in the left-hand column, instruments and activities in the middle column and an estimated budget in the right-hand column.

Apart from the Rector's grant of DKK 3 million (Voucher no. 3191),

- ENSPAC allocates DKK 750,000 to the research initiative as a contribution by means of resources from researchers employed at ENSPAC.
- CBIT allocates DKK 750,000. (Voucher no. 1101), which amount is administered separately as a grant primarily aimed at CBIT employees.

Milestone	Instruments	Budget
<p>Milestone 1</p> <p>RUC Centre of Designing Human Technologies</p> <p>Institutionalising the research initiative to ensure its sustainability also after 2016</p> <ul style="list-style-type: none"> • The centre is organised and manned at year-end 2015 	<ul style="list-style-type: none"> • Regular study groups, seminars and local conferences to create mutual synergies, collaboration and establish a common identity • Organising management and administrative assistance • Setting up an Advisory Board with 2-6 international members to meet at RUC once-twice per year to discuss and review strategic research and programme initiatives • Developing the research profile of Designing Human Technologies 	<p>DKK 50,000/year</p> <p>Total, DKK 150,000</p>
<p>Milestone 2</p> <p>PhD programmes in Designing Human Technologies will be generated at RUC</p> <ul style="list-style-type: none"> • Cross-departmental (RUC) PhD programme generated • Nordic PhD network set up • Nordic PhD design course commenced and held at RUC/“Søminestationen” 	<ul style="list-style-type: none"> • Setting up of a cross-departmental PhD course at Roskilde Graduate Schools. Going forward, the course will be available to international students every year • Extended PhD collaboration and the development (and promotion) of PhD offers through partnerships with international partners • Meetings, travels and seminars in relation to planning; giving initial PhD courses at “Søminestationen” 	<p>DKK 75,000/year</p> <p>Total, DKK 225,000</p>
<p>Milestone 3</p> <p>Projects across existing research groups and departments</p> <ul style="list-style-type: none"> • Completion of a minimum of four projects 	<ul style="list-style-type: none"> • Project support granted to, for example, travels, seminars, conferences, layout and printing of books, equipment, specific task¹ assistance (programming and development assistance, interviews, transcribing, etc.), guest entertainment costs, etc. 	<p>DKK 600,000/year</p> <p>Total, DKK 1,800,000</p>

¹ Assistance = Fixed-term employment of student, research assistant and/or academic assistant

<p>Milestone 4</p> <p>Internal/external profiling</p> <ul style="list-style-type: none"> • Active website containing contributions from all participants on an ongoing basis 	<ul style="list-style-type: none"> • Student/PhD classes in website design/layout, downloading of contents from participants, current website updating • Organising regular content contributions from participants • Preparing e-mail banners, slide template, brochures, etc. 	<p>DKK 75,000/year</p> <p>Total, DKK 225,000</p>
<p>Milestone 5</p> <p>External fund applications</p> <ul style="list-style-type: none"> • A minimum of DKK 1 million/year in external funding after 2013 	<ul style="list-style-type: none"> • Academic assistance for application writing 	<p>DKK 33,333/year</p> <p>Total, DKK 100,000</p>
<p>Milestone 6</p> <p>Activities targeting BFI point production (Bibliometric Research Indicator point production)</p> <ul style="list-style-type: none"> • Increasing trend, min. 50 BFI points in 2016 	<ul style="list-style-type: none"> • Writing workshop breaks • Conference participation with contributions • Payment to cover visits by international guests 	<p>DKK 150,000/year</p> <p>Total, DKK 450,000</p>
<p>Milestone 7</p> <p>Support for programme development</p> <ul style="list-style-type: none"> • Presentation on research-based potential for new subject-integrated graduate programmes 	<ul style="list-style-type: none"> • The educational relevance of research groups and projects and the potential thereof in relation to new proposals for education • Limited scope for release from duties to write presentations/papers • Academic assistance for the writing of proposals 	<p>DKK 0/year</p> <p>Total, DKK 0</p>
<p>Milestone 8</p> <p>International conferences at RUC</p> <ul style="list-style-type: none"> • A minimum of two conferences to be held between 2012-2015 	<ul style="list-style-type: none"> • Costs for planning of, for example, PC meetings held at RUC, etc. 	<p>DKK 16,667/year</p> <p>Total, DKK 50,000</p>

Appendices

Appendix 1: Participants (January 2013)

ENSPAC:

- Anita Kjølbaek <aschouk@ruc.dk>
- Araceli Bjarklev <araceli@ruc.dk>
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CBIT:

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Appendix 2: The opportunity of the research initiative to profile RUC

Designing Human Technologies is an exploratory, creative area focusing on change, innovative thinking and social commitment. This innovative aspect often derives from the strongly interdisciplinary perspective which is the essence of *Designing Human Technologies*. *Designing Human Technologies* thus cuts across the four main areas: the Humanities, the Social Sciences, the Technical Sciences and the Natural Sciences and involves RUC researchers with all four perspectives. Against this background, RUC provides a research initiative that differs from the perspectives of its other programmes which are usually associated with design and architecture. *Designing Human Technologies* constitute a needed complementary element in this field.

Designing Human Technologies is capable of positioning RUC as the attractive alternative which is committed to solving socially relevant issues in a critical, engaging, innovative, interdisciplinary and experimental way.

- This should constitute the research-related anchoring of RUC's new main area, Humanities and Technology (HumTek).
- This is a new area which is also rooted in RUC's core values such as problem-orientation and interdisciplinarity.
- Basically, the area is founded on critical analyses of existing social contexts and on the generation of innovative solutions through RUC's well-known interdisciplinary and problem-oriented approach.
- This enables RUC to promote the university as a place for in-depth studies of the functioning of artifacts and designs, materially, socially, aesthetically and performatively.
- This may bridge the gap between experienced and more recent environments at RUC that focus on problem-solving design of new technologies and the interaction between humans and their environment. Together, these environments represent a very large knowledge-intensive strength at RUC which is not available at other universities (Copenhagen University, Aarhus University).
- *Designing Human Technologies* is a new area which is currently on the rise in different international research fora such as “Performance Design”, “Participatory Design”, “Spatial Design”, “Design Science Research”, “Science and Technology Studies”, “Mobility”,

“Transition”, etc. For this reason, RUC is right now in a position to take the chance of profiling itself in a new area in which it holds special skills, namely problem-solving and multi-perspective interdisciplinarity.

- RUC uses the interaction between different research traditions and design areas in order to generate interdisciplinarity from the synergies between the different perspectives.
- This contributes to society and its development, for example, by combining people and entrepreneurships in the design of new technologies.
- This should constitute the essence in the development of new graduate programmes for the main Humanities and Technology (HumTek) area.

List of affiliated professors 2007-2015

All persons on this list have actively accepted to be part of this list

The list was initiated in 2007

The list has been updated since 2007 by Jesper Simonsen

Notes 1-4:

1: Member of DHT (established 2013)

2: Active in DHT project or management

3: Co-author: Design Research, Routledge, 2010

4: Co-author: Situated Design Methods, MIT Press, 2014

1	2	3	4	Name	Title	Dep.	Research group	Dep. 2016
				Kim Schrøder	Professor	CBIT	CJSC	DCA
x				Norbert Wildermuth	Associate professor	CBIT	CJSC	DCA
				Simon Heilesen	Associate professor	CBIT	CJSC	DCA
				Thomas Tufte	Professor	CBIT	CJSC	DCA
x	x	x		Jørgen Lerche Nielsen	Associate professor	CBIT	DK	DCA
x	x	x		Lisbeth Frølund	Associate professor	CBIT	DK	DCA
x		x		Ada Scupola	Associate professor	CBIT	ISO	DSSB
				Jon Sundbo	Professor	CBIT	IVE	DSSB
				Lars Fuglsang	Professor	CBIT	IVE/SIOL	DSSB
				Sisse Siggaard Jensen	Professor emerita	CBIT	KPC	DCA
x	x			Anita Mac	Associate professor	CBIT	MITRAN	DSSB
x	x			Jan Mattsson	Professor	CBIT	MITRAN	DSSB
x				Jesper Schlamovitz	Assistant professor	CBIT	MITRAN	DSSB
x	x	x		John Scheuer	Associate professor	CBIT	MITRAN	DSSB
x				Karin Buhmann	Associate professor	CBIT	MITRAN	DSSB
x				Kirsten Mogensen	Associate professor	CBIT	MITRAN	DSSB
		x		Margit Neisig	Assistant professor	CBIT	MITRAN	DSSB
x	x			Peter Hagedorn-Rasmussen	Associate professor	CBIT	MITRAN	DSSB
x	x			Henning Christiansen	Professor	CBIT	PLIS	DPT
x	x	x		Troels Andreasen	Associate professor	CBIT	PLIS	DPT
x	x			Markus Holzweber	Assistant professor	CBIT	SOL	DSSB
x	x	x	x	Jan Pries-Heje	Professor	CBIT	UDI	DPT
x	x	x	x	Jesper Simonsen	Professor	CBIT	UDI	DPT
x	x	x		Keld Bødker	Associate professor	CBIT	UDI	DPT
x	x			Magnus Rotvit Perlt Hansen	Assistant professor	CBIT	UDI	DPT
x	x	x		Niels Christian Juul	Associate professor	CBIT	UDI	DPT
				Inger Jensen	Associate professor emerita	CBIT	VFL	DPT
				Jacob Dahl Rendtorff	Associate professor	CBIT	VFL	DPT
				Søren Sommer Jagd	Associate professor	CBIT	VFL	DPT
x	x	x		Niels Jørgensen	Associate professor	CBIT	VID	DPT

x	Anja Lindelof	Assistant professor	CBIT	VISPER	DCA
x x	Bjørn Laursen	Associate professor	CBIT	VISPER	DCA
	x Bruno Ingemann	Associate professor emerita	CBIT	VISPER	DCA
x x	x Connie Svabo	Associate professor	CBIT	VISPER	DCA
x x x x	Henriette Christrup	Associate professor	CBIT	VISPER	DCA
x x x x	Kristine Samson	Associate professor	CBIT	VISPER	DCA
x x x	Michael Haldrup	Associate professor	CBIT	VISPER	DCA
x	Olav Harsløf	Associate professor	CBIT	VISPER	DCA
x x	x Sanne Krogh Groth	Assistant professor	CBIT	VISPER	DCA
x x	x Sara Malou Strandvad	Associate professor	CBIT	VISPER	DCA
	Arne Thing Mortensen	Professor emerita	CBIT	-	DCA
x	Henrik Juel	Associate professor	CBIT	-	DCA
x x	Pelle Guldborg Hansen	Assistant professor	CBIT	VID	DCA
x	Ulrik Schmidt	Assistant professor	CBIT	-	DCA
	x Helge Søndergaard Hvid	Professor	ENSPAC	ALIV	DPT
	Sidsel Grosen	Assistant professor	ENSPAC	ALIV	DPT
x x	Anders Christian Hansen	Associate professor	ENSPAC	ENVSDYN	DPT
	Jesper Brandt	Professor	ENSPAC	ENVSDYN	DPT
x x x x	Bent Søndergård	Associate professor emerita	ENSPAC	METRIK	DPT
x	Inger Stauning	Associate professor	ENSPAC	METRIK	DPT
x x x x	Ole Erik Hansen	Associate professor	ENSPAC	METRIK	DPT
x	Per Homann Jespersen	Associate professor	ENSPAC	METRIK	DPT
x x	x Rikke Lybæk	Associate professor	ENSPAC	METRIK	DPT
x x	x Thomas Budde Christensen	Associate professor	ENSPAC	METRIK	DPT
x x	x Tyge Kjær	Associate professor	ENSPAC	METRIK	DPT
	x Jesper Holm	Associate professor	ENSPAC	METRIK	DPT
x	Jane Widtfeldt Meged	Assistant professor	ENSPAC	MOSPUS	DPT
x	John Andersen	Professor	ENSPAC	MOSPUS	DPT
	Jonas Egmosse	Assistant professor	ENSPAC	MOSPUS	DPT
x x	Jonas Larsen	Professor	ENSPAC	MOSPUS	DPT
	Keld Buciek	Associate professor	ENSPAC	MOSPUS	DPT
x x	Lasse Martin Koefoed	Associate professor	ENSPAC	MOSPUS	DPT
x	x Malene Freudendal-Pedersen	Associate professor	ENSPAC	MOSPUS	DPT
x x	Mikkel Bille	Associate professor	ENSPAC	MOSPUS	DPT
	Lise Drewes Nielsen	Professor emerita	ENSPAC	MOSPUS	DPT
x	Bente Kjærgård	Associate professor	ENSPAC	SMHF	DPT
x x	Erling Jelsøe	Associate professor	ENSPAC	SMHF	DPT
	Annette Kamp	Associate professor	ENSPAC	ALIV	DPT
x	x x Jørgen Ole Bærenholdt	Institutleder	ENSPAC	MOSPUS	DPT
	Hans Sønderstrup-Andersen	Associate professor	PAES	STP	DPT
x x	Katia Dupret Søndergaard	Assistant professor	PAES	STP	DPT
	Anders Siig Andersen	Institutleder	PAES	Dept. mgr	DPT
	Søren Riis	Associate professor	CUID	VID	DCA
x x	Birgit Jæger	Associate professor	ISG	ISG	DSSB

Vision and strategy for Design Studies at RUC

The vision is arguing for the establishment of a new main subject area focusing on Design Studies. This main subject area was recently formally established. On the 18th of November 2008, the Ministry of Science, Technology and Innovation approved a change to chapter 1, §2 of the amendments hereby establishing a new main subject area at RUC: The technical science main area. This is the first new main subject area introduced to the university since it was established in 1972. Previously, the main subject areas have been in humanities, natural science and social science.

Vision- and strategy for Design Studies at RUC

The newly established departmental structure and the new Hum-tek Bachelor Programme opens up for a unique possibility to establish a new powerful research area and related graduate and post-graduate studies at RUC: Design Studies.

Design Studies constitute a purpose-driven, constructive and problem solving research that aims at meeting identified needs or solve identified problems. Design Studies is thus different from traditional analytical oriented sciences where the primary purpose is to understand and describe. Design Studies focus on the society's growing demands for information technology, communication, planning, services, experiences, etc. It is a creative science that aim at change and innovative practices; includes a principle of involvement and participation of the affected stakeholders; and it always include ethical considerations. The research methodology is characterized by action research and case studies of intentional projects driven by experiments, participation, critical evaluations, and the pursuit of specific goals and effects.

Since the establishment of RUC in 1972, there have been three bachelor programmes: Natural Science, Humanities, and Social Science. These programmes represent the traditional university faculties or main subject areas which are characterized by analytical and mainly descriptive research approaches. Since 1972 a growing number of research environments and studies at RUC have developed which are characterized by being normative, application-oriented, and innovative. It is these creative disciplines and groups of educations, research areas, and researchers that now face a possibility of being united in a new innovative main subject area. RUC must focus on this potential for the following reasons:

- Design Studies is an emerging international research area where RUC can get a leading position because of the university's unique competencies in interdisciplinary, purpose-driven, and problem-solving research.
- Design Studies can make a bridge-building between research environments that up until now did not have any general and mutual platform. United, these research environments represent a great potential that is unparalleled at the old universities (University of Copenhagen and Aarhus University).
- There is a great political attention towards new initiatives in interdisciplinary research [1] and this is also a core part of RUC's strategy [2].
- Design Studies may comprise the core research in the new main subject area at RUC that may function in continuation of the Hum-tek Bachelor Programme.
- Design Studies is very appealing to students and it attracts students with a different profile.
- Design Studies is useful for our society in general as the students' widespread interest in the humanities is combined with technology and entrepreneurship.

- A focus on Design Science will position CBIT in a key role.

Vision

RUC should aim at establishing a shared platform and identity comprising all academic resources with an interest in Design Studies. In short: The establishment of a new fourth main subject area focusing on Design Studies – a main subject area in parallel with the three existing subject areas in humanities, natural science, and social science. The new main subject area should comprise a dedicated bachelor programme in the form of the Hum-tek Bachelor Programme, a number of graduate and post-graduate studies initiatives, and a strategic and ambitious research initiative.

The Hum-tek Bachelor Programme has been realized by the support from many communities at RUC which in the past did not have any dedicated student enrolment channel. The Hum-tek Bachelor Programme does not challenge the established bachelor programmes (in humanities, natural science, and social science) since Hum-tek seeks students with different (creative) interests. The enrolment for Hum-tek in 2008 was very promising (120 students). We should strive for a future enrolment equivalent to two houses (240 students) and this is realistic as related programmes (among others ‘Humanistic Informatics’ at Aalborg University, ‘Information Studies’ at Aarhus University, and ‘Design’ and ‘Digital Design and Communication’ at the IT University of Copenhagen) are experiencing a large, stable, and increasing enrolment. The challenge for Hum-tek is to establish a scientific identity, a research-driven environment, and an engaged and consistent group of academic staff pursuing a shared objective.

The Hum-tek Bachelor Programme offers undergraduate and follow-up graduate studies in Computer Science, Informatics, Geography, Technological and Socio-Economic Planning, Health Strategies. Students enrolled in the Hum-tek Bachelor Programme must choose at least one of these studies. There is a potential for a number of interesting and highly attractive combinations with studies as Communication, Performance-Design, and Journalism. A number of other relevant studies might also be involved as combination studies, including studies from the humanities such as Psychology, Educational Studies, Philosophy, as well as studies from social science such as Business Studies, Economics and Business Administration, and Public Administration. The challenge is to consolidate the most apparent combinations which include the mandatory studies and at the same time open up for combinations with a broader range of disciplines. At a post-graduate level several of RUC’s existing Ph.D.-programmes are relevant, but in a longer term a dedicated Ph.D.-programme in Design Studies might be needed.

A new main subject area at RUC requires professional anchoring in national and international research environments. The university must take the lead and adopt an ambitious and coherent strategic research initiative. RUC has many competent and acknowledged researchers within Design Studies, but they are relatively dispersed and initiatives to develop a coherent research effort – that might entail mutual inspiration, synergy, and collaboration – have only just begun: During the past year two research workshops and a conference has been organized. They were attended by researchers from different research groups and departments. This new and emerging research community has undertaken an interdisciplinary research agenda and aim at establishing a shared epistemological and ontological platform based on empirical case- and action research driven research conducted in collaboration with public and private organizations. RUC’s management has supported this initiative by prioritizing the PODES-UNIK application [3]. There is a need for sustaining and further developing this interdisciplinary research initiative and for providing substantial support for the new main subject area constituting the university’s most important and

strategic area of research. RUC's unique competencies, and RUC's characteristic profile and structure provide the best possible conditions in order to be a leading university in Denmark as well as in an international perspective.

Strategy

Development of a new main subject area must be based on prioritizing and consolidating existing research as well as establishing supportive conditions for teaching. In specific, it is an important part of the strategy to provide appropriate occasions and conditions that enable meetings between researchers at RUC, where they can exchange results and experiences and enable collaboration across different research groups and departments.

As mentioned above, the first steps towards this strategy has already been taken: After CBIT's Strategy Seminar in August 2007, an initiative to gather researchers from RUC interested in Design Studies was made. The first meeting was held on August 31st 2007 and a one day workshop was held on November 15th 2007. This further resulted in two main activities: (1) The creation of the UNIK application, PODES, and (2) the conference "Perspectives on Practice-Oriented Design Science" held on May 15th 2008. The PODES-UNIK application was prioritized by RUC and it involves 7 research managers, out of which 6 are from CBIT. The conference resulted in a proceedings which during fall 2008 was used as a compendium at Hum-tek and where the contributing researchers were invited for lectures. 14 researchers contributed to the conference papers and these papers are currently being redeveloped and rewritten aiming at an international book release. The network of researchers from RUC, with a declared interest in Design Studies, now counts almost 40, where more than half are from CBIT [see appendix A].

The Design Studies research area is relatively young and only few dedicated international conferences has been held so far (in 2009 the 'third' conference in 'Design Principles and Practices' and the 'fourth' conference in 'Design Science Research in Information Systems and Technology'). But Design Studies is also a research area where some of the related interdisciplinary research disciplines do have a mature experience: For example, the 10th biannual conference in 'Participatory Design' in 2008 – this international conference has thus been held since 1990.

The overall research strategy at RUC should start out by enabling the existing research traditions to inform and inspire each other. As a starting point we have a number of well established research groups, each with different networks, research domains, backgrounds, approaches, and theories (within among others information technology, services, experiences, communication, health, working life, landscape science, regional planning and development, urban studies, etc.). The meeting point is constituted by an overall hypothesis: There exist a set of universal common features and approaches that characterize all strands of research disciplines addressing practice-oriented Design Studies. This is the hypothesis that the current initiatives in terms of workshops and conference as well as the UNIK application has been based on. One of the contributions on the conference held on May 15th described, for example, a general iterative model for research and development within all large experimental and practice-oriented design projects [4].

RUC can achieve a lot by letting existing the research communities inspire one another and stimulate collaboration. But in the long run the development of a new main subject area requires a strategic research effort implying substantial resources in order to establish large joint interdisciplinary research projects – as proposed in the UNIK application.

A strategic research effort will provide the ideal conditions for the development of related educational studies. Hum-tek forms the shared platform. An engaged, visionary, and competent management of Hum-tek is of vital importance. The development of Hum-tek's

identity and content and the establishment of Design Studies at RUC must be considered as a mutually inspiring symbiosis: The students must experience Hum-tek as the meeting point for the foundation and development of a new science; and the researchers must experience Hum-tek as a core meeting place where the latest initiatives and results from Design Studies are presented and discussed.

Management of Hum-tek must be combined with the management of other educational studies at undergraduate, graduate, and post-graduate levels. As a start, attractive combination studies at graduate level, which include the mandatory studies, must be developed. The combination study ('toningsuddannelse') 'Interactive Medias' (combining Communication with Computer Science or Informatics) may be a role model because of its highly specified study plan. Within a short number of years, combination studies between the mandatory studies (Computer Science, Informatics, Geography, Technological and Socio-Economic Planning, Health Strategies) as well as between these studies and other relevant studies must be developed. The latter includes especially Communication, Performance-Design, Journalism, Business Studies, Psychology, Educational Studies, and Philosophy. Finally, attractive post-graduate studies must be established associated to our existing Ph.D.-programmes (among others Design and Management of Information Technology, Technology and Society, and Communication, Journalism and Media). In the longer run a Ph.D.-programme dedicated to Design Studies should be established.

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På vej mod en designvidenskabelig forskningsplatform på RUC

Indledning

Man kunne meget kort karakterisere praksisorienteret designvidenskab – eller kort blot “designvidenskab” – som studiet af menneskeskabte objekter, til forskel fra “naturvidenskab” som kan kaldes studiet af naturskabte objekter. En af fejlene ved en sådan definition er selvfølgelig, at der ikke kan trækkes en klar grænse mellem det menneskeskabte og det naturskabte, og andre forsøg på korte definitioner ville lide af lignende, øjensynlige, fejl. En karakteristik af designvidenskab må i stedet omfatte et kompleks sæt graduerede ligheder og forskelle mellem videnskabelige studier.

De humanistiske og samfundsvidenskabelige fag har i vid udstrækning defineret sig ved at analysere deres forskelligheder fra naturvidenskaberne, f.eks. ved at opstille alternativer til den materialistiske ontologi og ved at beskrive andre muligheder for erkendelse end observationer. I hovedområdeopdelingen finder vi et udtryk for denne bestræbelse på at etablere videnskabelig identitet.

Designvidenskaberne er nu inde i en tilsvarende afklaringsproces. Der er ikke tale om radikalt nye former for videnskab, men der er dog tale om at mange samfundsopgaver, især siden 2. verdenskrig, er blevet “videnskabeliggjort”. Flere og flere professioner har ændret sig fra overvejende at være rent praktiske til at lægge vægt på teori både i professionsuddannelserne og den professionelle praksis. Der er i stigende grad brug for folk som forbinder praktisk dygtighed med videnskabelig kompetence, folk for hvem det at løse praktiske opgaver og at tænke videnskabeligt ikke er modsætninger, men snarere er to sider af samme sag. Designvidenskaberne er en betegnelse for videnskaber, der i særlig grad har taget disse udfordringer op.

Til en indledende afklaring kan vi placere designvidenskab i dette spændingsfelt:

	Materialitet →	PRAKSIS	←	Forestillinger
Videnskab	Natur- og teknisk	Human: Samfunds- og kultur/humanistisk		
Design	Konstruktionsprocesser = skabende praksis (teknologi m.v.)			

Et første forslag er altså at designvidenskab omhandler de skabende praksisser, som indbefatter materialitet (omforming af ’naturmateriale’) og forestillinger. Det trækker på både naturvidenskabelig/tekniske og samfunds/kulturvidenskabelige videnskabstraditioner, men ligesom det er tilfældet med næsten enhver teknologisk udvikling, kombineres begge traditioner for at få det til at virke (som påtegnet af Bruno Latour i *We have never been Modern*, 1993). Men designvidenskab er omvendt ikke kun design – det indeholder også de videnskabelige traditioner og deres analytiske ’tilbud’ som sin reference. Designvidenskab kombinerer disse indsigter under den grundforståelse at enhver menneskelig skabende praksis altid allerede involverer materielle omgivelser, kropslighed, teknologier,

organisationer, forestillinger og fantasier. Det er f.eks. også sådan, at næsten enhver problemstilling, som har at gøre med menneskets sundhed eller arbejdsliv, implicerer at enhver skabende praksis altid allerede også er både materiel og forestillet. Designvidenskab handler altså om hybrid, skabende praksis.

Design handler om praksis

Det fremgår allerede at designvidenskaberne må tillægge *praksis* en særlig ontologisk og epistemologisk betydning. En betydning der rækker ud over traditionelle opdelinger i hovedområder, og som udover naturvidenskab, samfundsvidenskab og humaniora også er berører teknik, medicin, jura, etik og kunst.

Den verden der eksisterer, er for det første en handleverden, et handlerum. Erkendelse opnås ved at handle. Metodologisk må der lægges vægt på forskerens aktive medvirken i den produktive proces hun udforsker. Forskeren må dermed også kunne træde ud af tilskuerrollen. – Men for det andet, og det er det afgørende for designvidenskab, at verden ikke bare et allerede værende handlerum – verden bliver også til gennem *skabende* praksis. Praksis er fuld af både materialitet og forestilling/fantasi. Men selvom design handler om intentionelle projekter, drevet af effekter, er disse altid eksperimentelle. Praksis hører altså *ikke* til i et 'designerparadis'. Der er altid et element af *uforudsigelighed* (og dermed også altid alternative scenarier). I det skabende og uforudsigelige ligger allerede grunden til to andre karakteristika, som vi måske (siden hen?) skal uddybe: *participation og eksperimentering*. Designvidenskabens grundlag bliver derved at vi er kastet ud i et ikke-lineært (ikke fuldt erkendbart) deltagerunivers (Bohr). Men det er samtidig et univers som indeholder handlerum for at stabilisere livet, skabe holdepunkter og orienteringshorisonter, og løse problemer gennem 'tingsliggørelse' (jf. Wenger: *Communities of Practice*, 1998).

Sådanne maximer er for længst blevet selvfølgeligheder på visse planer, men der er endnu lang vej til *refleksivt* at tage de praktiske konsekvenser af det i forskning og undervisning – en vej vi foreslår RUC begiver sig ud på. Både når det gælder de videnskabsteoretiske såvel som en lang række andre problemstillinger, er designvidenskaberne inde i en stadig afklaringsproces, som det er en relevant, spændende og udfordrende opgave at gøre til satsningsområde.

Design af menneskeskabte ting og systemer

Der er mange forskellige forskningstilgange og traditioner inden for praksisorienteret design. Donald Schöns arbejder om *The reflective Practitioner* (1983, 1987) repræsenterer en række empiriske studier af praktikere og deres professionalitet. En anden kendt (og i nogles øjne også "berygtet") forsker er Herbert A. Simon, som i bogen *The Sciences of the Artificial* (1981) definerede designvidenskab som videnskab, der fokuserer på design af ting eller (menneskeskabte) systemer med intenderede – "desired" – egenskaber. Simon definerede designvidenskab som modstykke til videnskaber der studerer givne ting (i naturen eller samfundet) og hvordan de virker.

Selv om man typisk tænker på ingeniører, arkitekter og industrielle designere som professionelle designere, så lægger selv Simon vægt på, at enhver, der udtænker handlinger med henblik på at ændre den eksisterende situation til en ønsket, er designer; "Everyone designs who devises courses of action aimed at changing existing situations into preferred ones" (ibid.).

Design som ordensskabelse

Praksisorienteret designvidenskab konnoterer ordensskabelse og knytter dermed an til samfundsvidenskabernes grundlæggende spørgsmål om hvordan social orden muliggøres, produceres og reproduceres. Er ordensskabelse i samfundet baseret på en social kontrakt imellem suverænen og hans folk (Hobbes), på egennyttigt og rationelt handlende aktører på et marked (Adam Smith) ? Udspringer ordensskabelse af internaliserede normer, der deles af et kollektiv (Dürkheim, Parsons, Habermas) eller af færdigheder, gensidige forståelser og reciprokke fortolkninger (Etnometodologi). Er det kommunikation, forhandling og gensidig justering, der muliggør ordensskabelsen (symbolsk interaktionisme) eller kan orden på f.eks. et marked forstås som en ikke-intenderet sideeffekt af rationelle aktørers handlinger (rational choice og spilteori) ? Eller skal ordensskabelse snarere forstås som socio-teknisk ordensskabelse - dvs. som relateret til mobilisering af humane og non-humane aktører, der på en eller anden måde bringes til at udføre et arbejde i relativt ensartet retning på baggrund af "bricolage", eksperimenter og oversættelse - som det aktuelt diskuteres indenfor nyere praksis-, organiserings- og læringsteori (Latour, Gherardi, Czarniawska) ?

En praksisorienteret designvidenskab rejser udover ovennævnte spørgsmålet om hvorvidt, hvordan og i hvilket omfang design af social og/eller socio-teknisk orden er mulig ? Er ordensskabelse og design retrospektiv sensemaking baseret på allerede udførte handlinger og viden (Weick) ? Eller lader den sig forklare som en effekt af arbejde udført af et intentionelt opbygget og disciplineret "netværk" af humane og non-humane "aktører" (Latour/Callon) ?

Design som planlægningsproces i det konkret uforudsigelige

Designprocesser foregår på meget forskelligartede felter, og selvom disse felter kræver deres kontekstuelle indlevelse, henter designvidenskaben netop inspiration fra sammenligning, sammenstilling og kombinationer på tværs. Designorientering er f.eks. til stede inden for sundhedsfremme, arbejdsliv, landskabsforvaltning og by- og regional planlægning, informationsteknologi, mv. Den danske planlægningsteoretiker Bent Flyvbjerg (*Rationalitet og Magt, vol. 1: Det konkrètes videnskab*, 1991 eller *Making Social Sciences Matter*, 2001) har foreslået *phronesis* som den konkrete ekspertises videnskab. Flyvjergs udgangspunkt er at (samfunds)videnskaben ikke kan komme frem til endelig sandheder – og da slet ikke sådanne som kan danne udgangspunkt for 'rationalt' rigtige løsninger på f.eks. planlægningsproblemer. Phronesis bliver derved en mulig inspiration for designvidenskab også bredere end byplanlægning. Det betegner en pragmatisk ekspertise, som på den ene side går ud over den epistemiske rent sandhedssøgende (naturvidenskab) og på den anden side er mere og andet end techne – de tekniske videnskaber. Tilgangen synes forenelig med andre forslag inden for nyere samfundsvidenskab med tværvidenskabelig åbenhed til andre hovedområder (f.eks. John Urry's *Global Complexity*, 2003) og planlægningsteori (f.eks. Patsy Healey's *Urban Complexity and Spatial Strategies*, 2007). Strategier, planlægning, design m.v. kendetegnes her ved en anerkendelse af usikkerheder i verden, ufuldstændig viden – men på den anden side nødvendigheden af at handle, med inddragelse af stake-holders og eksperimentering. Healey formulerer det sådan at "strategies are fluid, revisable forms of reference" (ibid. p. 267). Hertil føjer den kompleksitetsteoretiske inspiration (hos Urry) til, at det flydende som vilkår, ikke bare betyder uforudsigelighed – men også at der kan igangsættes irreversible processer, som vi engang igangsat ikke kan 'designe os ud af'. Der ligger heri implicit et oplæg til, at designvidenskab også må beskæftige sig med afgørende *etiske* spørgsmål.

Hvad gør design til videnskab?

Det der gør design til videnskab er, at man også har et andet input til designet ud over den praktiske problemløsning, nemlig i form af eksisterende videnskabelig viden. Hvad enten der er tale om viden

i form af teori, model, metode, rammeværk el. lign., så skal man som forsker forholde sig til det eksisterende og i givet fald "stå på skuldrene af det", dvs. at man bygger videre på det eksisterende.

Ydermere skal man vælge sin forskningsmetode fra mængden af anerkendte forskningsmetoder, og anvende den eller de valgte metoder med passende stregthed. Endelig skal man meget eksplicit, som et resultat af sin praksisorienterede forskning og intentionerne dermed (designet) og evalueringen, gøre rede for det bidrag til forskningsviden man leverer.

Designvidenskab står således på en solid grund, men giver samtidig nye indspark til udvikling af viden på det høje niveau i Bloom's taxonomi, hvor det handler om at vurdere og opstille **handleforeskrifter** (noget som typisk indgår i målbeskrivelser for afsluttende kandidatmoduler på RUC!). Igen indgår her etiske spørgsmål, vel at mærke ikke kun forskningsetiske – men designetiske!

Omvendt lægger designvidenskaben op til en videreudvikling af forskelligartede traditioner for studier af hvordan viden omsættes i praksis og design (så som diskursteori, Science and Technology Studies (STS) og Aktør-Netværks-teori (ANT)). For at forstå anvendelsen af analytisk viden bedre, vil 'designeren' kunne lære af forskelligartede eksempler på hvordan analyser og anden eksisterende viden er blevet 'omsat' til design. Designvidenskab involverer altså som en grundpille at studere allerede gennemførte designprocesser med et særligt kritisk fokus på den viden som er anvendt.

Et særligt vigtigt spørgsmål at forholde sig til i forbindelse med ovennævnte er, hvilken rolle forsknings-baseret viden om design spiller i forhold til praksis. Hvilke muligheder og begrænsninger er der for at påvirke praksis og ordensskabelse på basis af forskningsbaseret viden om design og designprocesser? Er den realiserede orden alene et resultat af intentionelt og på basis af forskning designede processer, objekter og tiltag eller et resultat af såvel intenderede og emergerende processer, objekter og tiltag, der til enhver tid nødvendiggør situeret oversættelse og justering af den forskningsbaserede viden for at muliggøre skabelse af ønskede og/eller attraktive effekter?

Designvidenskab sammenlignet med andre former for videnskab

Den centrale forskel er, at designvidenskab knytter sig til behov og problemer med fokus på at opfylde behov eller løse problemer. Designvidenskab er typisk praksisorienteret, formålsorienteret og problemløsende. Derved adskiller designvidenskab sig fra de former for analytisk orienteret videnskab hvor formålet primært er at forstå og beskrive. Man kan sagtens i deskriptiv forskning bygge teorier og modeller. Det der gør forskellen til design er, om teorien eller modellen kan bruges i relation til praksis f.eks. til at opfylde et identificeret behov eller løse et identificeret problem.

Basic Belief	Research Perspective		
	Positivist	Interpretive	Design
Ontology	A single reality. Knowable, probabilistic	Multiple realities, socially constructed	Multiple, contextually situated alternative world-states. Socio-technologically enabled
Epistemology	Objective, dispassionate. Detached observer of truth	Subjective, i.e. values and knowledge emerge from the researcher-participant interaction.	<i>Knowing through making</i> : objectively constrained construction within a context. Iterative circumscription reveals meaning.
Methodology	Observation; quantitative, statistical	Participation; qualitative. Hermeneutical, dialectical.	Developmental. Measure <u>artifactual</u> impacts on the composite system.
Axiology: what is of value	Truth: universal and beautiful; prediction	Understanding: situated and description	Control; creation; progress (i.e. improvement); understanding

Table 3. Philosophical assumptions of three research perspectives

Vaishnavi & Kuechler (2004, 2007) opstiller en tabel (3) der sammenligner designvidenskab med positivistisk og fortolkende (“interpretive”) videnskab. Som det er fremgået af overvejelser ovenfor, er grænserne mellem de forskellige traditioner ikke hermetisk lukkede; der kan således godt tænkes at indgå positivistiske eller fortolkningsvidenskabelige momenter i designvidenskab – men det kan diskuteres om de hver for sig kan levere et tilstrækkeligt grundlag for designvidenskab? Deraf berettigelsen af at søge en vej mod en designvidenskabelige platform.

Udkast til et overordnet forskningsspørgsmål

Hvordan kombinerer designvidenskab så de forskellige videnskabelige traditioners analyser med skabende praksis, materielt og processuelt? Flere traditioner er nævnt, som alle tager som afsæt at der *ikke* findes nogen automatik fra analyse til design. Hertil kunne også ideen om Mode2 viden uddybes (Helga Novotny m.fl.). Hvis modeller og tilgange alligevel ser ud til uden videre at kunne omsættes til designforeskrifter, så er det som regel fordi de allerede implicit og ureflekteret (hvilket egentlig er uvidenskabeligt) indeholder foreskrifterne, *forud* for analysen... Et eksempel kunne f.eks. være et klassespecifikt ideal om varieret, gerne romantisk kuperet, naturoplevelse. Altså i grunden design forklædt som videnskab. Men designvidenskab er både og – det integrerer analyse og design gennem transaktioner og transformationer, som kritisk reflekterer over tidligere brug af analytisk viden og aktiv involverende eksperimentering med omsættelse af analyse til design. Integrationen er ikke uproblematisk – den er en hovedproblemstilling for designvidenskaben: **Hvordan bruges og omsættes videnskabelig analyse til design som skabende praksis?** – Der er formodentlig ingen vej udenom at anerkende at omsætningen, uanset hvor megen phronetisk erfaring vi høster fra studier af vidensbrug, indeholder elementer af intuition, skøn (’judgement’), kunstnerisk kreativitet, flydende proces, emergens, enactment, og genopfindelse; al den stund at design per definition er anticipatorisk – og dermed ikke som jura og normal medicin kan henvise til ren præcedens og erfaring. Designvidenskab indeholder et nødvendigt element af kreativ nyskabelse – men ikke ud i det fri; altid allerede forankret i eksisterende materielle praksisser og forestillinger, herunder heterotopiske forestillinger (om andre steder).

En første hypotetisk liste af ’foreskrifter’ for designvidenskab kan være:

- designvidenskab bygger på et princip om involvering og deltagelse af de berørte interessenter;
- designvidenskab bygger på kritisk erfaringsopsamling på hvordan viden tidligere har været brugt til at designe på forskellige felter (systemer, planlægning, organisationer etc.);

- designvidenskab er kreativ videnskab, som sigter på nyskabende praksis;
- designvidenskab involverer altid etiske overvejelser over konsekvenserne (også muligt ikke-intenderede) af foreslåede designs.

Planer for det videre arbejde

Ovennævnte skitse skal objektiveres og konkretiseres yderligere. Hvordan det skal ske skal aftales nærmere af de personer, der ønsker at knytte an til og bidrage konkret til projektet. Eksempler på aktiviteter, der kan iværksættes omfatter:

- Videreudvikling af nærværende paper som input til egen identitetsafklaring, synopsis (til antologi) og/eller projektansøgning.
- Tiltag m.h.p. finansiering og mobilisering af "politisk" støtte.
- Udarbejdelse af antologi m.h.p. præcisering af RUCs designvidenskabelige profil.
- Gennemførelse af tværvideenskabelig forskerkonference med designvidenskab i fokus.
- Udarbejdelse af forskningsansøgning med fokus på designvidenskab.
- Opbygning/udvikling af lokalt, nationalt og internationalt forskernetværk.
- Kontakt til relevante praktikere m.h.p. dialog, støtte og evt. samarbejde.
- Medie- og formidlingstiltag med henblik på offentlig bevågenhed og støtte.

Jesper Simonsen, enkelte små redigeringer 23. oktober, på basis af oplæg fra:

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Theorizing Design of 'Human Technologies'

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ABSTRACT

Design is increasingly becoming a part of the university curriculum and research agenda. A theory about the process and practice of design might be important to establish design as a *main subject* at universities. We believe it is in the interest of many design communities – also the *DASTS community* – to engage in theorizing design, on the basis of *our* understanding of design and design practices. This theory should be positioned as an alternative to other attempts to theorize design, for example the influential efforts of the Information Systems (IS) community [1]. Reflections on aesthetics, ethics, values, connections to politics, and strategies for enabling a better future should be recognized as legitimate. We invite you to engage in collective theory building, and we present a starting point (Figure 1) intended to stimulate discussion across different domains, perspectives, knowledges, and ontologies [2], and to shed light on design as it is practiced in different contexts.

At Roskilde University, we have since 2008 strived to establish a new main subject area – Designing Human Technologies [3] – alongside the three longstanding main subject areas: Natural Science, the Humanities, and Social Science. We approach design as “*a process of investigating, understanding, reflecting upon, establishing, developing, and supporting mutual learning between multiple participants in collective ‘reflection-in-action’*” [4, p. 2], and acknowledge that “*everyone designs who devises courses of action aimed at turning existing situations into preferred ones*” [5, p. 111].

A key activity has been engaging in collectively discussing and reflecting upon our different design project experiences. This has led to two recent anthologies in which a total of 46 researchers reflect on 33 different design projects. In spite of diverse backgrounds, our reflections have uncovered a shared understanding of the design process depicted in a general process model that emphasizes the emergent properties of design [6] and in a collection of 18 situated methods for design [7]. The framework (Figure 1) is a preliminary suggestion for a ‘coordination mechanism’ [8] based on our experiences so far. We propose it as a starting point for shared reflections toward a theory for the design of human technologies.

<p>Change</p> <ul style="list-style-type: none"> • Planned • Emergent • Opportunity-based • Sustainable 	<p>Participation</p> <ul style="list-style-type: none"> • Different knowledges • Mutual learning • Joint goal negotiation • Infrastructuring
<p>Situatedness</p> <ul style="list-style-type: none"> • Situated knowledges • Situated learning • Situated action • Situating contexts 	<p>Scope</p> <ul style="list-style-type: none"> • Personal • Collaborative • Organizational • Societal

Figure 1. A framework – or coordination mechanism [8] – intended to support reflections on human design theory.

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Toward a Theory for the Design of Human Technologies

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ABSTRACT

Design is increasingly becoming a part of the university curriculum and research agenda. A theory about the process and practice of design might be important to establish design as a main subject at universities. We believe it is in the interest of many design communities – not least the Participatory Design (PD) community – to engage in theorizing design, on the basis of our understanding of design and design practices. This theory could be positioned as an alternative to other attempts to theorize design, for example the influential efforts of the Information Systems (IS) community. We urge the PD community to engage in collective theory building, and we present a framework intended to support our shared reflections on the design of human technologies.

Author Keywords

Design, theory, epistemology, framework.

ACM Classification Keywords

H.1.1 Systems and Information Theory

INTRODUCTION

Human and societal problems are to a considerable extent addressed with technological means, and there is widespread recognition of the importance of technology in ensuring our welfare in the future. The design of new technologies has also become the subject of university-based research and led to new educational programs. In Europe, schools within design and architecture have traditionally been rooted in practice and craftsmanship but now increasingly implement academic criteria in their programs. The emergence of university curricula that approach design on a scientific basis creates a need to theorize the practices and processes of designing.

Within IS a widely cited attempt to characterize design science suggests a conceptual framework combining interactions of build-evaluate iterations with the environment and business needs (stressing relevance) as well as the use of, and contribution to, the existing knowledge

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base (stressing rigor) (Hevner et al., 2004). The framework is accompanied by seven general guidelines “in order to illustrate how authors, reviewers, and editors can apply them consistently” (p. 76). We believe that such frameworks play an influential role in establishing design as a scientific discipline at the universities. IS has a focus on business, management, and organization. Their frameworks do, however, not explicitly address all issues and concerns of other design communities.

How should PD, and other communities involved in the design of human technologies respond to the challenge of theorizing design? We suggest that they should engage in developing design theories that embrace our understanding of design and the core identity of our communities. There is, we contend, a need for a science-based, design-oriented main subject at the universities to explain the role of technologies in contemporary societies, to conceptualize the contributions of designing to fulfilling human needs, and to provide a foundation for the education of future academic designers. We propose building frameworks that acknowledge design as “a process of investigating, understanding, reflecting upon, establishing, developing, and supporting mutual learning between multiple participants in collective ‘reflection-in-action’” (Simonsen and Robertson, 2012, p. 2). In addition, we emphasize multiplicity rather than a universalistic worldview, and collective reflections rather than a position of “all learning takes place inside individual human heads” (Simon, 1991, p. 125).

A design-oriented main subject at the universities should embrace broad approaches to design and include multiple, diverse, interdisciplinary subject areas, application domains, researchers, and projects. At Roskilde University, Denmark, we have since 2008 strived to establish a new main subject area – Designing Human Technologies – alongside the three longstanding main subject areas: Natural Science, the Humanities, and Social Science. The purpose of this *design-oriented* area is to be constructive (to make designs) and solution-oriented in close dialogue with citizens, users, and other stakeholders in design projects. The university's contribution toward fulfilling this purpose is (1) to provide an analysis of the relevant issues, (2) to design solutions for specified issues through, for example, action research, and (3) to reflect on how designs are used and incorporated in human lives. We

subscribe to the basic *human* principle that users, target groups, and other central stakeholders must take part in the design and the design process, in ethical and society-related discussions, and in evaluating how designs fulfill needs and solve problems. Designing Human Technologies espouses a broad conception of *technology*, including information, communication, mobile, environmental, and energy technologies as well as technologies relating to performances, experiences, urban design, climate adaptation and so forth.

One of our key activities has been engaging in collectively discussing and reflecting upon our different design project experiences. This has led to two recent anthologies in which a total of 46 researchers reflect on 33 design projects dealing with organization and information technology design in for example the health sector, the design of urban spaces, the design of performances and museum events, and the design of environment-friendly alternative technologies in the transport sector. In spite of diverse backgrounds, our reflections have uncovered a shared understanding of the design process depicted in a general process model that emphasizes the emergent properties of design (Simonsen et al., 2010) and in a collection of 18 situated methods for design (Simonsen et al., 2014).

We do not mean to suggest that existing work in PD, human-computer interaction, and related fields has not produced and been informed by theory. It has. What we do mean to propose is that further theorizing about design in PD and related fields should preferably be a collective process anchored in the experiences of multiple research groups, their projects, and disciplinary backgrounds. Based on our experiences so far, we present an initial design framework and propose using it to stimulate and coordinate a dialogue about shared theory building. The framework is at an early stage of development and intended to evolve over the coming years.

AN INITIAL DESIGN FRAMEWORK

Our initial framework consists of four themes, each characterized by four dimensions, see Figure 1. We hope the framework can serve as a vehicle for researchers with different backgrounds to reflect on their design experiences.

<p>Change</p> <ul style="list-style-type: none"> • Planned • Emergent • Opportunity-based • Sustainable 	<p>Participation</p> <ul style="list-style-type: none"> • Different knowledges • Mutual learning • Joint goal negotiation • Infrastructuring
<p>Situatedness</p> <ul style="list-style-type: none"> • Situated knowledges • Situated learning • Situated action • Situating contexts 	<p>Scope</p> <ul style="list-style-type: none"> • Personal • Collaborative • Organizational • Societal

Figure 1. A framework intended for supporting reflection on the design of human technologies.

Design processes aim to produce *change*, the first theme of our framework. Simon (1996) considers this aim the

defining characteristic of design when he states that “everyone designs who devises courses of action aimed at changing existing situations into preferred ones” (p. 111). The relation between design and change is, however, dynamic and unruly. Many studies find that change defies detailed planning, that the changes resulting from a design may contradict the changes that motivated the design, and that the changes that accompany a design may not persist. In the last case, the preferred situation reverts back into the old situation, or transforms into a third situation, thereby suggesting that the design process was based on a partial understanding of the preferred situation. While this can be considered evidence of substandard design work, it is increasingly perceived as an unavoidable condition we need to face in our understanding of design and change. One response is to broaden the conception of design to include also the activities that produce the changes not initially planned for (e.g., Ditttrich et al., 2002).

We distinguish between four dimensions of change: *Planned change* is intended, planned ahead, and occurs as anticipated by the originators of the change. *Emergent change* is local and spontaneous. It grows out of practice, rather than happens as the result of deliberate and originally planned action. *Opportunity-based changes* are purposefully introduced changes resulting from unexpected opportunities, events, or breakdowns that arise after the introduction of a new technology (Orlikowski & Hofman, 1997). *Sustainable change* implies that changes must accord with ideological, moral, and ethical points of view and must strive for a small ecological footprint in terms of their environmental effects and consumption of resources.

The second theme of our framework is *participation*. Participation involves that representatives of all actors with a stake in the use of the designed technology must take part in the process of its design. Taking part means that “any user needs to participate willingly as a way of working both *as themselves* (respecting their individual and group’s/community’s genuine interests) and *with themselves* (being concentrated present in order to sense how they feel about an issue, being open toward reflections on their own opinions)” (Simonsen and Robertson, 2012, p. 5). This definition stresses the conditions necessary for genuine participation in projects. In the absence of the necessary conditions user representatives may face a troubling tension between their role as representatives of their group and that as members of the design project. In addition to personal authenticity, participation is normally associated with genuine influence. This way, participation, for example, goes beyond user roles such as those of being an informant in interviews aimed at gathering user needs or a subject in evaluations aimed at identifying usability or efficiency problems.

Participation encompasses some of the basic principles of participatory design (Simonsen and Robertson, 2012). We recognize the importance of respect for *different knowledges*, which is a prerequisite for participation to occur, and of the commitment to *mutual learning*, which means that designers must learn about the realities of the users’ work and the users must learn about available technologi-

cal options to be able to articulate their desired aims. In addition, the dimensions of participation include *joint goal negotiation* to achieve “shared and agreed-upon goals of the design task and project at hand” (Simonsen and Robertson, 2012, p. 5). *Infrastructuring*, the final dimension of participation, involves that participation serves to make designs part of existing structures and practices. Participation introduces user needs and situational constraints that shape design products and, at the same time, participation results in design products that shape the structures and practices.

Design is inextricably woven into the particulars of the situation in which the design takes place. It is *situated*. This third theme of our framework is in opposition to a universalistic view of design as an activity for which we can devise principles and methods that apply unaltered across situations. It is, however, also in opposition to a relativistic view of design because such a view treats all situations as different but equally important and, thereby, refrains from engaging with the particulars of the concrete design situation. Viewing design as situated means that the situation with its possibilities, constraints, and other particulars co-determines the design process and the resulting design. It also means that what is being designed is a transformation of the situation, not merely an add-on to it (Simonsen et al., 2014). The situation shapes the design process, positively as well as negatively; it is not simply a passive background upon which the design takes place.

We identify four related but different ways of approaching situatedness: *Situated knowledges* imply that design is always carried out with partiality and from a specific, embedded position, as “politics and epistemologies of location, positioning, and situating” (Haraway, 1988, p. 589). *Situated learning* emphasizes design processes and designers’ learning as embedded in communities of practice (Lave and Wenger, 1991). *Situated action* emphasizes the role and pervasiveness of “ad hoc improvisation – the part of us, so to speak, that actually acts” (Suchman, 2007, p. 71), as opposed to representations of action in the form of prescriptive accounts such as plans, procedures, and guidelines. *Situating contexts* (Simonsen et al., 2014) point to the multiple relations between the societal context and the design situation, including structures given by institutions, regulation, market mechanisms, and infrastructures.

The fourth theme of our framework is *scope*. Design projects, technologies, and associated use situations may differ drastically in scope. Some have argued that researchers should to a larger extent engage in projects with a wider scope (e.g., Shapiro, 2005). Whereas PD projects have often focused on technologies with a collaborative or organizational scope, overarching issues, such as workplace democracy, are societal in scope. In addition, technological infrastructures may have consequences for individuals, organizations, as well as societies and, therefore, warrant analyses and design efforts at multiple levels of scope. Different levels of scope demand different types of change management, create different conditions for participation, and entail situated design activities with different extents of partiality and heterogeneity.

At the most intimate level, the scope is *personal* and focuses on individuals’ motivation for interacting with a technology, their experiences from using and incorporating technologies in their lives, and their reasons for taking part in design processes. A *collaborative* scope concerns design processes, technologies, and use situations that bring multiple people together, often across professions, disciplines, seniority levels, age groups, and other boundaries. The scope of design work is frequently *organizational* as emphasized within IS. Thereby, design becomes entangled in managerial decisions, organizational communication structures, employee motivation, and the like. At the same time, a scope corresponding to an organization provides better opportunities for managerial support than designs targeting the collaborative processes of subgroups within organizations. Finally, design work may have a *societal* scope. At this macro level sustainability, infrastructures, social development, technological regimes, and the cultivation of alternative design spaces are among the important issues.

DISCUSSION

The primary interest of designers has to do with changing things, connecting entities, and altering the world we are living in. Whereas natural scientists are preoccupied with descriptive analysis of nature, designers are engaged with normative constructions. We may express these differences by asserting that ontology is to the natural sciences what epistemology is to the field of design. It is in this sense crucial that the designers *know* the meaning and implications of the four themes in the framework we have outlined above. The designers of course also need to know the materials they are working with, but this only as means toward a different end, namely change, alteration, adjustment, improvement and so forth. Due to the normative quality of design, we maintain that design does not merely build on *a priori* knowledge, but continuously needs to reflect on previous design experiences and its own history. We also maintain that designers need to operate interdisciplinarily to make good designs in line with the four themes of the framework.

The framework is deliberately not referencing any specific disciplines or application domains. Our intention is to suggest a framework enabling researchers to engage in collaborative and coordinated reflections independently of disciplinary perspectives, such as computer science, informatics, sociology, geography, organization studies, performance design, urban studies, communication, and education, as well as independently of application domains, such as government, engineering, healthcare, service design, education, sustainable production, public exhibitions, performances, and tourist experiences.

A theory for the design of human technologies must synthesize the extensive empirical experience acquired by design researchers. This entails a focus on learning with an emphasis on mutual learning. New paradigms have emerged with a greater focus on how learning and knowledge are created through the interaction and active participation of researchers as well as practitioners in collaborative design processes. Within education, students as well as professors engaged in mutual learning must be aware of what they are doing, and how they are

interacting while they are doing it, to paraphrase Schön (1983, p. 275). Due to the complexity of the processes, activities can only be planned tentatively and through continuing iterations. It is therefore necessary for the participants – be it students, professors or practitioners – to engage in dialogues and negotiations in order to reach strategies for action. Barab and Squire (2004) explain that a design-based research approach in relation to learning means:

- Approaching the study of learning in real world settings through ethnographic methods.
- Producing new insights and theory through interventions in praxis.
- Conducting iterative processes; that is, cycles of design, implementation, analysis, evaluation, and re-design.
- Involving researchers as well as practitioners.
- Applying a pragmatic approach oriented toward improving the setting of the intervention.

Communities of researchers engaged in design processes should systematically exchange their findings and experiences, and collaborate in reflecting on how each project contributes to the joint development of a design theory. We plan to use our framework to organize such collective cross-project reflections. To work through the experiences from a project, they can be structured by and reflected into the four themes and 16 dimensions of the framework. The reflections must address how a project has worked with a theme/dimension and what this work resulted in, in terms of knowledge as well as designs. Both ‘how’ and ‘what’ questions are important. As a guide, we suggest the following generic questions to stimulate reflection about design experiences on the basis of the framework:

Reflect on the experiences from a given project as related to one or more of the themes/dimensions in Figure 1:

- *What are the conditions and context of the theme/dimension in this project?*
- *How did it ‘unfold’, how would you describe it?*
- *How did you strive to respond appropriately to it?*
- *What were the challenges and opportunities involved?*
- *How have you (or others) tried to counter these challenges and make use of the opportunities?*

The aim of these questions is to stimulate reflection about the interactions involved in a given context including learning processes, knowledge sharing, and diffusion. Reflections may also concern principles for conducting genuine design processes as well as conditions that might hinder or facilitate them. Finally, reflections on aesthetics, ethics, values, connections to politics, and strategies for enabling a better future should be recognized as legitimate when theorizing design. We recognize that the questions, and the framework at its current stage, are stronger in what Halverson (2002) terms descriptive and rhetorical power and less developed in inferential and application power. That is, our initial framework is a vehicle for reflecting on design processes, not for devising them.

A theory for the design of human technologies should be interdisciplinary, and in order to achieve this objective the approach to theorizing design must be inclusive. Our aim is to provide a meeting point for a plurality of voices, to stimulate discussion across different perspectives, knowledges, and ontologies, and to shed light on design as it is practiced in different contexts. Patterns in the contributions to such a theory might well emerge and stabilize but should not be taken for granted. Rather, the theory should itself remain open to change, invite participation, embrace its situatedness, and strive to interconnect multiple levels of scope.

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PH.D. course – Designing Human Technologies 4.0

Uncategorized

Published 2016-01-22 at 10:58 No Comments

 Synes godt om  0  G+1  0





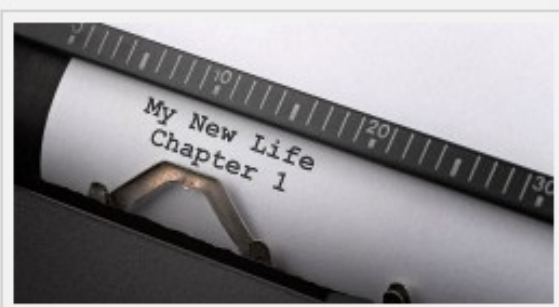
Call for participation: 4th PhD course on Designing Human Technologies, Søminestationen, Roskilde University, May 23-25, 2016 The fourth PhD course on Designing Human Technologies 4.0 will be held on Søminestationen, Roskilde University, May 23-25, 2016– See the attached call for participation (can be downloaded as a PDF here)Organizers:– Marianne Lykke, Professor, Aalborg University – David Lamas, Professor, Tallin University – Jesper Simonsen, [...]

Adfærdsforandringer og nytårsfortsæt

Uncategorized

Published 2016-01-15 at 12:54 No Comments

 Synes godt om  0  G+1  0



Nytårsfortsæt er svære at overholde. Nye undersøgelser viser at ca. 25% har droppet deres nytårsfortsæt inden den første uge, skriver alt.dk i en nylig udgivet artikel. I artiklen kommer DHT forsker Pelle Guldborg Hansen med tre grunde til at vores nytårsfortsæt aldrig lykkedes. Din tilstand påvirker dine mål Typisk laves nytårsfortsæt i juleferien, hvor [...]

Københavnere har taget "Giv et praj" ordningen til sig

Uncategorized

Published 2016-01-08 at 12:54 No Comments

 Synes godt om  0  G+1  0



Flere og flere borgere i København anvender muligheden for at give kommunen besked om et hul i vejen eller en slukket lygtepæl gennem app'en "Giv et praj KBH" og hjemmesiden giveetpraj.dk. Det viser en analyse som Valby Bladet har lavet over alle praj givet til Københavns kommune. Det er især på de store veje at [...]

Farverige lyssætninger lyser byens facader op

Uncategorized

Published 2016-01-08 at 12:50 No Comments

 Synes godt om 0  G+1 0



Facaderne på ikoniske bygninger rundt omkring i verden har fået en ny funktion. Berlingske har for nyligt udgivet en artikel om dette fænomen som kaldes "mapping". Med "mapping" er det muligt at oplyse facaden i trikolorens farver som man eksempelvis så efter terrorangrebet i Paris i november på for eksempel Operahuset i Sydney og National [...]

Den kontroversielle taxa-app Uber stormer frem i Danmark

Uncategorized

Published 2015-12-17 at 23:56 No Comments

 Synes godt om 0  G+1 0



Mere end 100.000 brugere har benyttet sig af den amerikanske taxa-app Uber siden app'en blev tilgængelig for danske brugere sidste år. Dette på trods af at Uber få timer efter dens indtog mellem veletablerede danske taxa-selskaber, er blevet meldt til politiet for at overtræde regler om kørsel med passagerer, skriver nyhederne.tv2.dk. Uber giver mulighed [...]

Region Sjælland er i top når det gælder grøn omstilling

Uncategorized

Published 2015-12-17 at 22:56 No Comments

 Synes godt om 0  G+1 0




Sn.dk har for nyligt bragt en artikel der omhandler Energestyrelsen nye undersøgelse, hvor man har spurgt 2000 danskere mellem 18 og 70 år om deres holdning til grøn omstilling. Her svarer hele 31,2% af de adspurgte i Region Sjælland at de skifter til en miljørigtig løsning, hvilket er langt flere end f.eks. Region Hovedstaden hvor [...]

Antallet af ansøgninger om julehjælp sætter rekord – igen

Uncategorized

Published 2015-12-11 at 14:03 No Comments

 Synes godt om 0  0



Antallet af ansøgninger om julehjælp forventes i år at sætte ny rekord, skriver Kristeligt Dagblad efter at have talt med adskillige frivillige organisationer. Frelsens Hær, som er den frivillige organisation der har været bannerfører for at tilbyde julehjælp, har i det seneste 10 år med få undtagelser oplevet en årlig rekordsættende stigning i antallet af [...]

Et kærligt grønt skub

Uncategorized

Published 2015-12-11 at 13:22 No Comments

 Synes godt om 0  0



Foodculture.dk har for nyligt skrevet en artikel om Forskningsprojektet "Et kærligt grønt skub – Nudging af forbrugsvaner med fokus på frugt og grønt" og de positive resultater der blev fundet frem til. Projektet fandt at nudging kan øge salget af frugt og grønt med over 20% procent, bl.a. over en fem-ugers periode i et supermarked [...]

Klimaet er på dagsordenen til COP21 – og i erhvervslivet

Uncategorized

Published 2015-12-04 at 09:57 No Comments

 Synes godt om 0  0



Kristeligt Dagblad har for nyligt bragt en artikel i forbindelse med COP21, hvor avisen fremhæver betydningen i at verdens statsledere mødes til et klimatopmøde. I år blev topmødet afholdt i Paris, d. 30. november. For hvad der undertiden kan synes at give små resultater som følge af et klimatopmøde, kan gøre en stor forskel i [...]

Københavns nye havnekarter satser på aktivitet og fællesskab

Uncategorized

Published 2015-12-04 at 09:23 No Comments

 Synes godt om 




Frederiks Brygge, Københavns nye havnekarter, er i fuld udvikling, og har fokus på at skabe en aktiv bydel med en bred og mangfoldig sammensætning af beboere. DHT-forsker John Andersen er i den forbindelse blevet interviewet til en artikel til Finans.dk. Der har fra start været stort fokus på at gøre bydelen levende og at gøre [...]

CONTEXT: The Ninth International and Interdisciplinary Conference on Modeling and Using Context

Uncategorized

Published 2015-11-26 at 18:49 No Comments

 Synes godt om 



This biannual conference is a meeting place for researchers all working with 'context' in a wide range of fields of high relevance for the DESIGN area such as Computer Science, Philosophy and Psychology, Organizational Sciences, etc. with application areas such as Medicine, Law, Context-Aware Systems. It was held in Larnaca in Cyprus on the 2nd [...]

Kan man designe sig ud af ensomhed?

Uncategorized

Published 2015-11-19 at 19:14 No Comments

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Kan man designe sig ud af ensomhed? Det fik 1.semester Hum-Tek studerende til opgave på eftersemestrets workshop Designing for All organiseret af DHT forskeren Katia Dupret og Niklas A. Chimirri. Workshoppen handler om at undervise de studerende i, hvordan designs kan gøre en konkret forskel for mennesker i deres hverdagsliv. De studerende bliver undervist i deltagende design-tilgange (participatoriske metoder), [...]

Trafikforskere uenige om kommende letbaner i de større danske byer

Uncategorized

Published 2015-11-19 at 17:45 No Comments

 Synes godt om { 0  { 0



Finans.dk bragte den 17.11-15 en artikel om planerne for letbaner i de større danske byer. DHT forsker Per Hormann Jespersen indgår i artiklen som en af to trafikforskere der bliver interviewet om deres holdning til emnet. I artiklen bliver de kommende letbaner kritiseret af bilejernes organisation, FDM og Harry Lahrman fra Aalborg Universitet for at ville give [...]

Netværksmøde d. 20/11 – Tid og temporalitet

Uncategorized

Published 2015-11-12 at 22:30 No Comments

 Synes godt om { 0  { 0



Program for netværksmøde den 20. november 2015 i lokale ... på RUC Tid og temporalitet Tid er den knappest ressourc af alle. Vi er alle født med begrænset tid her på jorden, så mangel på tid er et vilkår, vi konstant skal håndtere. På netværksmødet sætter vi fokus på tid og temporalitet og stiller spørgsmålet: [...]

Lecture on e-hospital at IDA

Uncategorized

Published 2015-10-30 at 11:19 No Comments

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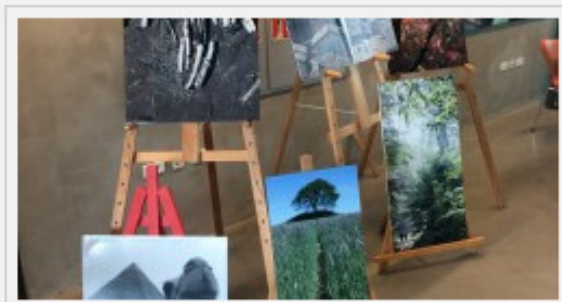
Jesper Simonsen gave a lecture for the Society of Engineers, IDA, on October 20, 2015 on the theme: E-hospital – How to prepare a hospital for the major digitalization? Jesper had in his presentation focused on information infrastructure, and initiated the lecture with an introduction to the theory behind 'Infrastructuring' and how this is used [...]

Exhibition at Roskilde University library

Uncategorized

Published 2015-10-20 at 09:38 No Comments

 Synes godt om  0  0




DHT researcher Henning Christiansen is mainly known for his work in the field of computer science. What fewer may know is that he also has a passion for photography. Roskilde University Library is currently exhibiting a selection of prof. Henning Christiansen's wonderful photos until October 30th.

Designing with ethnography: Field based research, data analysis, and intervention

Uncategorized

Published 2015-10-01 at 22:18 No Comments

 Synes godt om  0  0



PhD Course Designing with ethnography: Field-based research, data analysis, and intervention Department of Communication, Business and Information Technologies, Roskilde University 17-19 November 2015 Course title Designing with ethnography: Field-based research, data analysis, and intervention. Course description This course will provide participants with a practical understanding of the commitments, perspectives, and practices of ethnography, particularly as [...]

The 38th IRIS conference

Uncategorized

Published 2015-09-17 at 15:10 No Comments

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Doctoral students Kija Lin Østergaard, Morten Brandrup and prof. Jesper Simonsen from the DHT project Clinical Communication participated at the 38th Information Systems Research Conference in Scandinavia, the world's oldest Information Systems (IS) conference, Oulu, Finland, d. 9-12 August. Kija & Morten contributed with the article: Electronic Whiteboards and Intensive Care Unit Follow up. Outreach – follow up within 24 [...]

Honorary doctoral lecture by prof. Fabrizio Crisafulli

Uncategorized

Published 2015-09-17 at 12:14 No Comments

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Fabrizio Crisafulli, professor at the Academy of Fine Arts in Rome, is conferred doctor honoris causa at Roskilde University's annual celebration Sept. 18th 2015. Professor Fabrizio Crisafulli inaugural lecture entitled 'Theatre of places' will take place on Sept. 21st at 1.00 pm in Aud. 25 (25-2.035). The CBIT department will subsequently host a reception at 2:00 pm in [...]

Seminar: eScience – digitale metoder i forskningen

Uncategorized

Published 2015-09-10 at 17:44 No Comments

 Synes godt om { 0  G+1 { 0



I stigende omfang bliver det muligt ved hjælp af digitale metoder at arbejde anderledes med forskningsspørgsmål. Man kan fx arbejde med store datamængder hurtigt og effektivt. Digitale metoder giver mulighed for at stille nye forskningsspørgsmål og til at samarbejde med andre forskere om at definere og analysere digitale forskningsobjekter på andre måder end hidtil. Dette seminar vil [...]

Dream Cooking Researchers

Uncategorized

Published 2015-09-03 at 19:54 1 Comment

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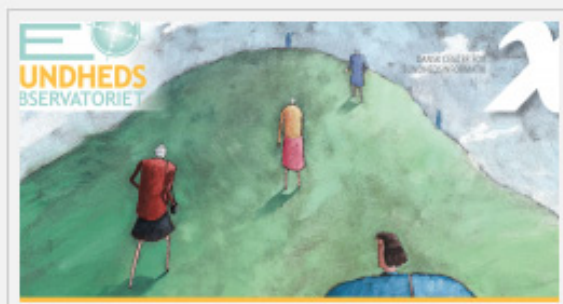
DHT researchers explored a new immersive research and design format at the Prague Quadrennial of Performance Design and Space 2015. The two Performance Design DHT researchers, Anja Mølle Lindelof and Connie Svabo, were invited to contribute to the immersive performance design project Sisters Hope at the 'Makers Exhibition' part of the recurrent performance design symposium [...]

Klinisk Kommunikation til eSundhedsobservatoriets konference '15

Uncategorized

Published 2015-09-03 at 17:51 No Comments

 Synes godt om 0  G+1 0



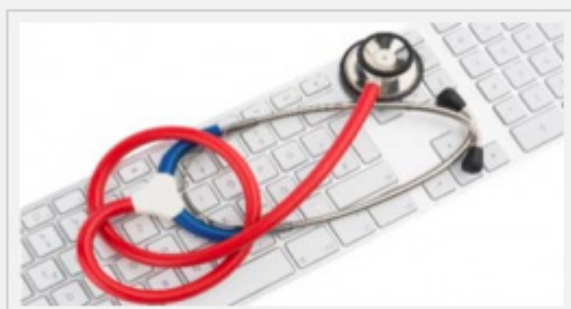
DHT's projekt Klinisk Kommunikation deltager i den årlige konference, eSundhedsobservatoriet, d. 6-7 oktober med to oplæg: 'Fastetid som effektmål ved overførsel af patienter til operation' og 'Effektdrevet optimering som alternativ til den Danske Kvalitetsmodel'. Målet for eSundhedsobservatoriets konference 2015 er at opsamle ideer til skabelsen af et helstøbt e-sundhedsvæsen, der sikrer bedst muligt samspil imellem de kommende supersygehuse og det borgernære sundhedsvæsen. [...]

Temadag på Roskilde sygehus

Uncategorized

Published 2015-09-03 at 17:16 No Comments

 Synes godt om 0  G+1 0



Region Sjælland og Roskilde Universitet afholder d. 10 november en temadag om driftsoptimering, sundheds IT, og Sundhedsplatform. Programmet byder blandt andre på 4 oplæg fra de 4 forskningsprojekter i DHT's projekt Klinisk Kommunikation. Der er tale om følgende oplæg. 'Outreach' fra Intensiv til sengeafdeling - Projektet undersøger, hvordan elektroniske overblikstavler kan bruges til at sikre den bedst mulige pleje af patienter som [...]

CPHs fremtidsplaner kan skabe titusinder af jobs

Uncategorized

Published 2015-09-03 at 16:30 No Comments

 Synes godt om 0  G+1 0



Københavns Lufthavns fremtidsplaner om at vokse til 40 mio. rejsende i 2050 kan skabe 84.000 flere arbejdspladser, lyder det fra en analyse foretaget af Oxford Research. Det er de internationale ruter og flere afgang, der gør det nemmere for virksomhederne at konkurrere på internationale markeder, skriver finans.dk. De byer hvor der i forvejen er mange produktionsvirksomheder [...]

The collectivity project at High Line, NYC

Uncategorized

Published 2015-07-03 at 10:58 No Comments

 Synes godt om  0  G+1  0

Just for inspiration. While in NYC, Lisbeth playfully supported the building of LEGO models at artist Olafur Eliasson's The collectivity project, which runs from May – September, 2015 on the High Line. Some of the LEGO models were initially built by architects, but then the public rebuilds the models. The High Line exemplifies urban design and [...]

IDEAS CITY Conference

Uncategorized

Published 2015-07-03 at 10:47 No Comments

 Synes godt om  0  G+1  0







Lisbeth Frølund participated in IDEAS CITY conference and events, held with the New Museum and Cooper Union in New York City. Her interest was the trans-disciplinary visions of the future city, design innovations, and inspiration for teaching. Thanks to DHT for partial funding. The first day out of three was held at Cooper Union with [...]

Nordic Conference on Design

Uncategorized

Published 2015-07-03 at 09:44 No Comments

 Synes godt om  0  G+1  0



June 7th-10th 2015 Kristine Samson and Michael Haldrup (VISPER) participated in the 6th Nordic Conference on Design (NORDES) in Stockholm. Here they presented an article written together with Mads Høbye and Nicolas Padfield (FabLab RUC) entitled "Remix Utopia: Eleven Propositions on Design and Social Fantasy". Drawing on a range of examples spanning from urban movements, art interventions [...]

Co-designing Digital Museum Communication

Uncategorized

Published 2015-07-02 at 13:35 No Comments

 Synes godt om 0  G+1 0



Af Roligen T. Thirstrup Anne Rørbæk Olesen held an interesting ph.d – defense of her ph.d- dissertation about Co-designing Digital Museum Communication on June 23rd. Here she presented her two primary cases – The Art Case and The Cultural Heritage Case, which she had been following for 1.5 years. The purpose of her research was among other [...]

International Congress of Qualitative Inquiry

Uncategorized

Published 2015-06-19 at 13:02 No Comments

 Synes godt om 0  G+1 0



DHT-researcher Lisbeth Frølund participated in the International Congress of Qualitative Inquiry in May 20th-23rd at the University of Illinois, Champaign, partially funded by DHT. Lisbeth Frølund co-presented a paper written in collaboration with Christina Hee Pedersen. The paper has co-authors Martin Novak, Masaryk University (who stayed at RUC on an Erasmus+mobility grant fall, 2014) as well [...]

The fifth International Workshop on Infrastructure for Healthcare

Uncategorized

Published 2015-06-11 at 21:20 No Comments

 Synes godt om 0  G+1 0



The conference 'The fifth International Workshop on Infrastructure for Healthcare (IHC)' will be held on June 18-19 in Trento, Italy. Our upcoming guest professor, Helena Karasti, and prof. Jesper Simonsen (CBIT) will be presenting the article, Supporting Clinicians in Infrastructuring. The article is based on their action research project, Patient transfer and Skill development in effect driven optimization – a subproject [...]

Støtte til et Constraint Handling Rules-projekt

Uncategorized

Published 2015-06-11 at 13:18 No Comments

f Synes godt om 0 G+1 0



DHT-forskeren prof. Henning Christiansen (CBIT) har modtaget støtte på kr. 2.315.925 fra Det Frie Forskningsråd/Natur og Univers til projektet: Automatic support for Proving Confluence Modulo Equivalence for Constraint Handling Rules Constraint Handling Rules (CHR) er et programmeringssprog, som består af genskrivningsregler over mængder af logiske atomer, og CHR har bevist sin slagkraft i forhold til mange [...]

Fluid sounds conference

Uncategorized

Published 2015-06-04 at 00:05 No Comments

f Synes godt om 1 G+1 0



In two weeks researchers in the fields of performance studies and sound studies will participate in the conference 'Fluid Sounds'. Fluid Sounds is an experimental conference working with aesthetic knowledge production and new media technologies and is organized by DHT researchers Sanne Krogh Groth and Kristine Samson. The first day consists of site-specific keynote lectures [...]

This is fun and games

Uncategorized

Published 2015-06-03 at 21:32 No Comments

f Synes godt om 0 G+1 0



by Alexander Mangaard (student at RUC: studying Computer Science and Psychology) Drunk in Århus. The usual suspect is at it again with his unusual shenanigans — this time it's an Irish bar and Guinness certainly is a fine substitute for dinner. You're hanging out with an IT admin... always nice to meet a likeminded individual. [...]

Another successful ph.d-seminar in DHT

Uncategorized

Published 2015-05-22 at 10:15 No Comments

 Synes godt om { 0  { 0





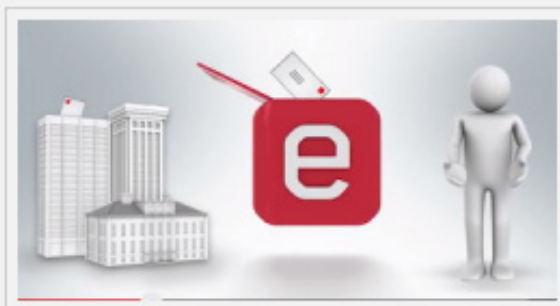
by Roligen T. Thirstrup Experienced scientists and ph.d-students from different countries met sunday May 10th at the airport for further transportation to Søminen – an old military marine base that has been rebuilt to a seminar and conference center. Ahead of them awaited a two day seminar within the field of Designing Human Technologies. The program for the [...]

Bygningsfejl i e-boks systemkonstruktion

Uncategorized

Published 2015-05-22 at 09:01 No Comments

 Synes godt om { 0  { 0





Af Roligen T. Thirstrup På trods af at over 90 procent af danskerne, ifølge analysevirksomheden Wilke, er aktive brugere af e-boks, viser forskningsresultater, at det offentlige digitale postsystem er behæftet med problemer, særligt af den tekniske art. Vores egen DHT-forsker Jesper Bull Berger fra UDI har i samarbejde med Kim Normann Andersen fra CBS fundet frem til en [...]

Over 90 procent af danskerne tjekker deres e-boks

Uncategorized

Published 2015-05-14 at 23:35 No Comments

 Synes godt om { 0  { 0



Af Roligen T. Thirstrup E-boks bliver flittigt benyttet af danskerne viser en undersøgelse af Wilke for Ritzau Fokus. Over 90 procent af danskerne åbner deres e-boks for post fra det offentlige, og særligt den ældre generation tjekker e-boks hyppigt skriver redaktionen i Newsbreak.dk. Lektor Birgit Jæger fra Institut for Samfund og Globalisering har udtalt til [...]

Organizational change in a translation perspective seminar

Uncategorized

Published 2015-05-13 at 19:50 No Comments

 Synes godt om 0  G+1 0




Scandinavian researchers exploring organizational change from a translation perspective met April 23rd and 24th to establish a research network and further develop the perspective and discuss theoretical as well as practical implications for the design of organizations and organizational change. Birgit Jæger, ISG, together with John Damm Scheuer and Peter Hagedorn-Rasmussen MIT/CBIT, organized the seminar as part [...]

Robotter – ‘Til døden os skiller’ på HumTek

Uncategorized

Published 2015-05-07 at 21:41 No Comments

 Synes godt om 0  G+1 0



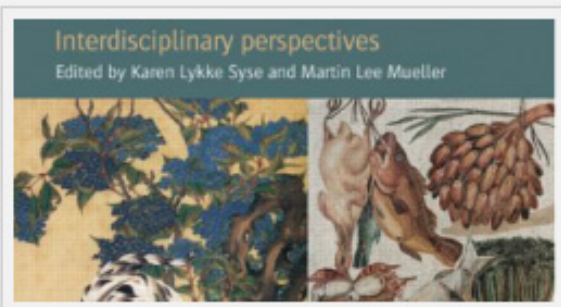
Af Roligen T. Thirstrup En usædvanlig industrirobot af træ var en af de teknologier nysgerrige unge fra ungdomsuddannelserne kunne se, både på HumTek og FabLab i forbindelse med RUCs åbent hus arrangement den 6. Maj. På de forskellige bacheloruddannelser har man i en længere periode bestræbt sig på at udarbejde et spændende program, der på dagen [...]

Sustainable Consumption and the Good Life

Uncategorized

Published 2015-05-07 at 21:24 No Comments

 Synes godt om 0  G+1 0



Af Roligen T. Thirstrup Ph.d-studerende Jesper Pagh fra MOS-PUS har bidraget med et kapitel i en ny antologi "Sustainable Consumption and the Good Life". Med fokus på design og arkitektur har Jesper Pagh skrevet et kapitel om, hvordan vores konsumeringsadfærd og drikkevaner influerer udformningen af metropolerne. I kapitlet inddrog Jesper Pagh sine egne studier af [...]

Vækst i forskerholdet bag "Italienske Billeder"

Uncategorized

Published 2015-04-24 at 10:08 No Comments

 Synes godt om 0  G+1 0

Af Magnus R.P. Hansen og Roligen T. Thirstrup Det tværfaglige projekt "Italienske Billeder" har vist sig succesfuld i dets sammenkobling af kunst og interaktiv installation. Projektets teknologiske hovedgenstand, hvilket er en kolossal interaktiv bog – også kendt som Viskbook, står netop nu som en del af attraktionen i en Martinus Rørbye udstilling i Ribe Kunstmuseum [...]

Omskift i sygeplejerskernes bestilling af portører

Uncategorized

Published 2015-04-24 at 09:25 No Comments

 Synes godt om 0  G+1 0



Af Morten Brandrup og Roligen T. Thirstrup Forskerholdet i "Klinisk Kommunikation", der er et af projekterne i DHT, er ved at indlede en række pilotimplementeringer af forskellige applikationer på Nykøbing Falster Sygehus. Formålet med en af applikationerne er at digitalisere kommunikationen mellem sygeplejersker og portører, således at sygeplejerskerne fremover skal bestille portører via afdelingens elektroniske [...]

Sværere at finde en parkeringsplads

Uncategorized

Published 2015-04-24 at 08:34 No Comments

 Synes godt om 0  G+1 0



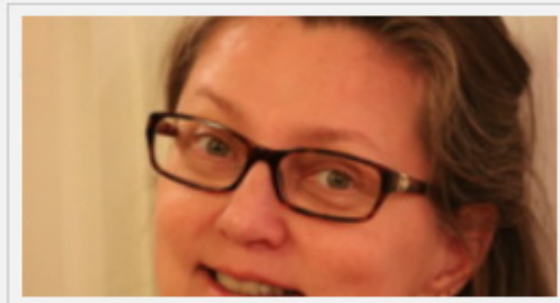
Af Roligen T. Thirstrup Webmagasinet Penge & Privatøkonomi udgav den 13. april et indlæg om de stigende parkeringspriser. Det er særligt i København, at der er stor differentiering mellem parkeringspriserne afhængig af, hvilken bydel man vælger at parkere bilen – des længere væk man er fra centrum, des billigere er det at parkere. I mellemtiden [...]

New Guest Professor at Designing Human Technologies

Uncategorized

Published 2015-04-17 at 10:56 No Comments

 Synes godt om 0  G+1 0



Helena Karasti, professor from Luleå University of Technology (LTU), Sweden, has accepted a position as Guest Professor at Designing Human Technologies. The position is held for one year from August 2015. Helena Karasti is an internationally recognized expert within Participatory Design, Ethnography, Computer Supported Cooperative Work, and Information/Knowledge Infrastructure. In recent years she has contributed [...]

Forsknings Dag 2015

Uncategorized

Published 2015-04-17 at 10:06 No Comments

 Synes godt om 



Der afholdes Forsknings Dag på Roskilde Kongres – og Idrætscenter den 22. april, og alle interesserede i forskning er velkomne. Arrangørerne bag begivenheden er Roskilde/Køge Sygehus og Den Regionale Forskningsenhed. De har blandt andre planlagte aktiviteter tre forskellige forskningsspor som man kan høre om. Det ene forskningsspor giver eksempelvis indblik i en konkret tilrettelæggelse af [...]

En nuanceret konference om Lys Kulturer blev afholdt d. 8.-9. april

Uncategorized

Published 2015-04-10 at 14:37 No Comments

 Synes godt om 





Af Roligen T. Thirstrup Der var megen aktivitet i bygning 02 og 9.1 på RUC, da konferencen Lys Kulturer fandt sted den 8. og 9. april. En bred skare af både danske og internationale forskere deltog i konferencen, hvor de fortalte om, og diskuterede deres forskning inden for Lys kultur med de øvrige deltagere. Nogle studerende var [...]

Bogprojekt "Den robuste bog"

Uncategorized

Published 2015-03-29 at 09:10 No Comments

 Synes godt om 



På netværksarrangementet den 16. januar 2015 blev netværkets arbejde med den fælles bog sat i gang. Med udgangspunkt i indholdet fra de forrige netværksarrangementer bød alle deltagere ind med ideer til bogen og hver især tilkendegav samtidig, om man umiddelbart kunne se sig selv som medskriver i denne co-creation skriveproces. Deltagerne lagde vægt på, at [...]

At skabe robusted i kaos og kompleksitet: forandringsagenten og -lederens rolle

Uncategorized

Published 2015-03-29 at 09:06 No Comments

 Synes godt om 0  G+ 0

Robust Organisationsforandring

Netværk for design af robuste organisationsforandringer:

At skabe robusthed i kaos og kompleksitet: forandringsagenten og -lederens rolle!

Invitation! Netværksmødet holdes som 12-12 arrangement den 8. og 9. maj 2015 på konferencehotellet Bymose Hegn i Helsingør. På dette brag af et todagesmøde (!) stiller vi spørgsmålet om man i det hele taget kan reducere kompleksiteten til noget, vi kan håndtere – på en måde, så det samtidig har med virkeligheden at gøre? I arbejdet med [...]

Sketchbook and Italian drawings

Uncategorized

Published 2015-03-29 at 09:00 No Comments

 Synes godt om 0  G+ 0

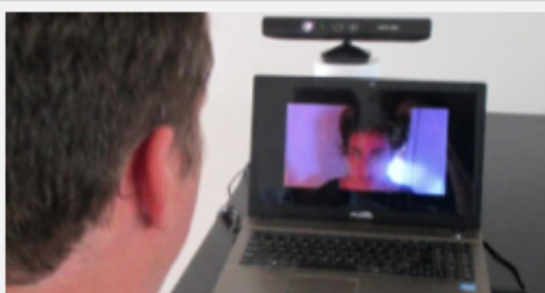
by Roligen T. Thirstrup We have previously shown a video about the Italian drawings by our associate professor Bjørn Laursen. Now we have an english version of the video in honor of our english speaking members, and especially to those members who have not yet seen the previous video. An artist's three worlds The video informs the [...]

A Virtual Welcome Guide – an interactive digital guide

Uncategorized

Published 2015-03-27 at 00:35 No Comments

 Synes godt om 0  G+ 0




by Roligen T. Thirstrup Imagine that you have just entered a room in a museum. You take a quick look at the exhibited artifacts while slowly walking toward the closest exhibition. Suddenly you hear a voice that greets you, and you turn around to see who's talking. You are surprised when you discover it's origin [...]

Situated Design Processes from Sao Paulo to Charlotteager

Uncategorized

Published 2015-03-19 at 23:58 No Comments

 Synes godt om  0  G+1  0





When: Tuesday the 24th, 01:00-03:pm Where: Roskilde University, room 42.2.37 Seminar on urban co-creation, performative intervention and how to change the urban environment through situated, participatory and performative design processes. The seminar is part of the course: Performative Urbanism – a trans-disciplinary collaboration between Plan, By og Process and Performance Design, Roskilde University. Program 01:00:What [...]

Revisiting Namibia: 13th Participatory Design Conference

Uncategorized

Published 2015-03-19 at 22:19 No Comments

 Synes godt om  0  G+1  0






by Roligen T. Thirstrup Tiger fish-art-installation – a depiction of death, decay and life A tiger fish-art-installation was designed during 13th Participatory Design Conference. The researchers Aletia V. Chisin, Jihan van Niekerk and Mugendi K.M. M'Rithaa were the prime movers for the design of the installation, which was part of a larger long-term project that [...]

Uddannelsesteam hos Mellempfolkeligt Samvirke afprøvede scenario-metode

Uncategorized

Published 2015-03-16 at 17:19 No Comments

 Synes godt om  3  G+1  0



af Camilla Bruun Simonsen og Roligen T. Thirstrup Der var stor interesse og engagement fra en gruppe unge uddannelsesledere hos Mellempfolkeligt Samvirke, da de den 24 feb. fik besøg af DHT-forsker Anita Mac fra forskningsprojektet Future Zone. Her fik de interesserede uddannelsesledere muligheden for at tilegne sig en ny metode til at udvikle og fastholde Mellempfolkeligt [...]

RUCs Experience Lab på Københavns Zoo

Uncategorized

Published 2015-03-13 at 12:30 No Comments

 Synes godt om 0  G+1 0



Af Roligen T. Thirstup DHT-forskeren Troels Andreasen var, i regi af NICE-forum, på besøg i Københavns Zoo den 25. februar. RUCs relation til NICE er gennem ISO-gruppen ved Jens Friis Jensen og Flemming Sørensen. Troels Andreasen deltog i arrangementet på Københavns Zoo blandt andet for at fortælle om RUCs Experience Lab, hvis fokus er at udvikle og skabe [...]

Green Design – Ecologies, Potentials and Aesthetics

Uncategorized

Published 2015-03-13 at 11:49 1 Comment


 Synes godt om 0  G+1 0

GREEN DESIGN Ecologies, Potentials and Aesthetics A research seminar about recycling, upcycling, design and aesthetics will be held at 23 March, 2015 at 01:00-04:00 pm. Presentations Reassembling the city: Three ecologies and urban design Kristine Samson, associate professor, Performance Design, CBIT. Product chain cracks and the architecture of potentials Marcella Arruda, urbanist, architect and recycling activist [...]

Light Cultures – Program

Uncategorized

Published 2015-03-13 at 08:42 No Comments

 Synes godt om 0  G+1 0



New Technologies, Aesthetics and Climate Policies The conference Light Cultures will soon take place, and we are looking forward for an event which comprises of interesting discussions. The conference will take place on 8-9th, April, 2015 at Roskilde University, Building 02. Aim: Light plays a fundamental role to human biology, aesthetics, and technological development. Yet [...]

Der spilles til bedre arbejdsmiljøer og arbejdsprocesser

Uncategorized

Published 2015-02-27 at 11:20 No Comments

 Synes godt om 0  G+1 0



Af Roligen T. Thirstrup Forskerne i User-Driven IT Innovation var værter for Julia A. Gardes, ass. professor ved University of Twente i Holland, besøg på RUC. Anledningen til besøget skyldtes Gardes arbejde med Participatory Design med henblik på at udforske og løse komplekse design problemer i sundhedsvæsenet. Garde udviklede i sin Ph.D. afhandling, Everyone has a part to play: [...]

Velkommen til vores seneste DHT-medlemmer

Uncategorized

Published 2015-02-20 at 15:36 No Comments



 Synes godt om 0  G+1 0

Af Roligen T. Thirstrup Vi byder velkommen til alle de medlemmer, der er indtrådt i Designing Human Technologies regi siden vores sidste velkomstnote. Blandt medlemmerne, som vi har fået lov at introducere på bloggen, er ph.d.-studerende Umesh Chandar Sharma fra Brugerdiven IT Innovation, og adjunkt Ulrik Schmidt fra Performance Design. Umesh C. Sharma forskningsinteresser [...]

Medarbejderes modstand mod forandring er en vedholdende fordom

Uncategorized

Published 2015-02-20 at 15:30 No Comments

 Synes godt om 7  G+1 0



af Camilla Simonsen Har medarbejdere og borgere modstand mod forandring i anden grad end ledere, eller er det i virkeligheden mere et spørgsmål om positioner og italesættelse på forskellige niveauer, hvor meget modstand mod forandring, folk i almindelighed har? Det spørgsmål ønsker DHT-forsker, at der kommer mere fokus på: "Jeg synes, vi bør få [...]"

Ph.D.- studerende strømmer til DHTs Ph.D. seminarer

Uncategorized

Published 2015-02-20 at 00:38 No Comments

f Synes godt om 0 G+1 0



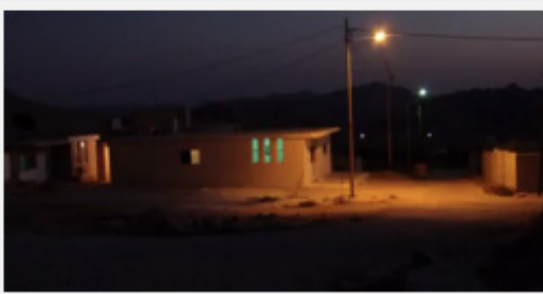
Af Roligen T. Thstrup Interesserede Ph.D-studerende strømmer til vores DHTs Ph.D. seminarer. Siden det første Ph.D.-seminar i 2013 har der årligt været en stigning i antallet af ansøgere. I 2013 var der 18 ansøgere, og i år er der 41 Ph.D-studerende fra 10 forskellige lande som har ansøgt om pladserne. De Ph.D.-studerende, der har deltaget, har også været [...]

Mørke i Lyset

Uncategorized

Published 2015-02-19 at 22:20 1 Comment

f Synes godt om 0 G+1 0



Af Roligen T. Thstrup Lys som et adfærdsregulerende magtinstrument var et af de emner lektor Mikkel Bille fra Institutet for Miljø, Samfund og Rumlig Forandring kom ind på i sit foredrag med titlen Mørke i Lyset. "Det lyder voldsomt at lys er et magtinstrument, men det er også et instrument, der får folk til at føle at [...]

Light cultures

Uncategorized

Published 2015-02-17 at 21:18 No Comments

f Synes godt om 0 G+1 0



af Roligen T. Thstrup ! Call for papers ! Themes: New technologies, Aesthetic and Climate Policies Light has historically, mainly been regarded as a natural science phenomenon, such as a focus on the physiological influences of light. But light also has an impact on our daily lives, and it characterizes the urban space as well [...]

NDROs netværksmøde d. 16.01.15

Uncategorized

Published 2015-02-10 at 13:53 No Comments

 Synes godt om 0  G+1 0



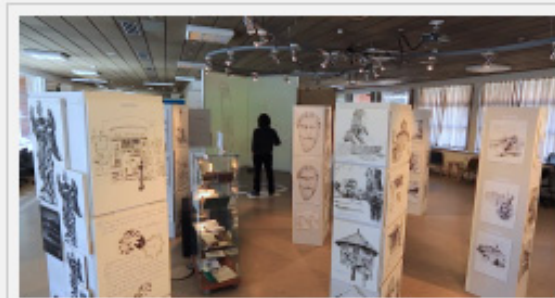
af Katrine M. Andersen og Roligen T. Thirstrup "Kan vi Nudge os til robuste forandringsprocesser?" Sådan lød indgangsspørgsmålet til NDROs første netværksmøde for 2015, som vi, to studerende fra Informatik og Kommunikation, deltog i. Dette netværksmødes tema var grunden til, at vi befandt os blandt forskere og praktikere. Baggrunden for vores deltagelse var, at vi [...]

Skitsebøger der performer

Uncategorized

Published 2015-02-10 at 13:35 No Comments

 Synes godt om 0  G+1 0



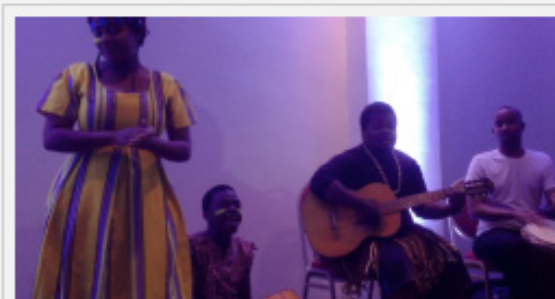
af Roligen T. Thirstrup "Jeg har hele mit liv været fascineret af at tegne. Det eneste, man skal have, det er et tegneredskab, og så skal man have en tegneflade at arbejde på," indleder forsker Bjørn Laursen i videoen med titlen "Oplev skitsebøger der performer – 500 interaktive Italienske indtryk tegnet af Bjørn Laursen." I videoen fortæller Bjørn [...]

Participatory Design Conference 2014

Uncategorized

Published 2015-02-10 at 13:32 No Comments

 Synes godt om 0  G+1 0



af Roligen T. Thirstrup I det sydlige Afrika, nærmere bestemt i Namibias hovedstad, Windhoek, blev den 13. Participatory Design Conference afholdt i oktober. Temaet for denne konference var "reflecting connectedness". Gennem en række spændende workshops, oplæg og ikke mindst performativ kunst blev deltagere opfordret til at reflektere over begrebet connectedness. Forbindelsen mellem designere og deltagere Vores ph.d-studerende Morten [...]

Videor fra DDLA 2014

Uncategorized

Published 2014-12-23 at 16:08 No Comments

 Synes godt om 0  G+1 0





af Camilla Simonsen Som nævnt tidligere her på bloggen var en del af vores DHT-forskere med på Det Danske Ledelsesakademis konference DDLA 2014 her i starten af december. Nu kan jer, der ikke var med, se en del af konferencen her på bloggen, og jer, der var med, kan gense en række af konferencens præsentationer. [...]

DHT PhD course 2015

Uncategorized

Published 2014-12-23 at 15:56 No Comments

 Synes godt om 0  G+1 0



by Camilla Simonsen The third PhD seminar held by our strategically prioritized research area, Designing Human Technologies 3.0 has now sent out its official call for participation. The course is going to be held at Søminen in Holbæk, at May 10th-12th 2015. The call-for-participation of the course can be downloaded as pdf here: PhD course [...]

NDRO-møde om nudging i januar

Uncategorized

Published 2014-12-23 at 15:27 No Comments

 Synes godt om 0  G+1 0






af Camilla Simonsen NDRO glæder sig til at se netværksdeltagerne på deres næste netværksmøde den 16. januar, hvor de sammen med Pelle Guldborg Hansen sætter fokus på nudging. Netværket spørger ved mødet, hvordan 'høflig puffen' kan være med til at skabe varige adfældsændringer. "Og så spørger vi selvfølgelig også os selv, hvordan den 'høflige puffen' [...]"

DHT-forskere på DDLA 2014

Uncategorized

Published 2014-12-12 at 15:17 No Comments

 Synes godt om  0  G+1  0





af Camilla Simonsen En række DHT-forskere deltog i sidste uge i Det Danske Ledelsesakademis årlige konference med titlen "Meningsskabelse, tillid og frihed – udfordringer i moderne ledelse". For de nysgerrige, der ikke var med til konferencen, kan der findes en oversigt over essays, der blev diskuteret ved oplæg og workshops her: [Papers fra konferencen Professor \[...\]](#)

Ny video om IBs virtuelle bog

Uncategorized

Published 2014-12-12 at 14:43 No Comments

 Synes godt om  0  G+1  0

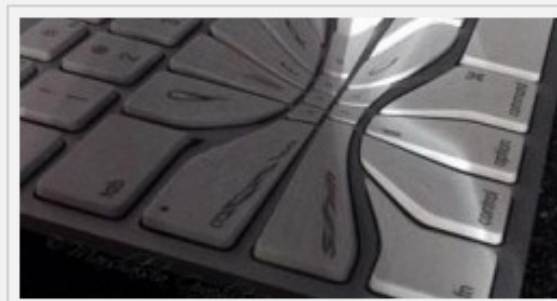


af Camilla Simonsen Et medie, der kalder sig Update TV, har lavet en fin video omkring den virtuelle bog, vores DHT-professor Henning Christiansen og ditto lektor Bjørn Laursen har udviklet som en del af projektet Italienske Billeder. Videoen kan ses via dette link: [RUC-forskere opfinder den virtuelle bog](#) Desuden skriver Update TV på Youtube-siden, at [...]

Digital post leveres uden korrekt afsender

Published 2014-10-24 at 15:47 No Comments


 Synes godt om  0  G+1  0



af Camilla Simonsen Ritzau har snakket med vores DHT-forsker Jesper Bull Berger, og har blandt andet på denne baggrund i dag udsendt historien om, hvordan det ofte er uklart, hvem borgerne får digital post fra. Og om, hvordan ombudsmanden mener, det er på kant med forvaltningsloven. Hvis du har abonnement på Fyns Stiftstidende, kan du [...]

Conference on experience design: AVA 2014

Published 2014-10-22 at 14:07 No Comments

 Synes godt om { 0  { 0



by Camilla Simonsen The Academy of Visual Arts of Hong Kong Baptist University is the organizer of an international conference on experience design called 'The ballerina and the elephant' on November 27-29 in Hong Kong. Registration for the conference can be done from this link. About the conference, the AVA Conference page says this: "In academic and professional [...]"

Studerende designer bydel i Trekroner

Published 2014-10-15 at 20:13 2 Comments

 Synes godt om { 48  { 0



af Tobias Berggren, studerende på arbejdslivsstudier I slutningen af oktober har alle, der interesserer sig for brugerinvolverende design, mulighed for at deltage i projektet 'Design din bydel', der med hjælp fra fremtidsværksteder og moderne højteknologi vil skabe mere liv på RUCs campus og i Trekroner. Mon ikke det kunne interessere nogle af jer DHT-forskere eller en [...]"

New book: Constraints and Language

Published 2014-10-10 at 15:20 No Comments

 Synes godt om { 0  { 0



by Camilla Simonsen DHT researcher Henning Christiansen has edited a new book called Constraints and Language in cooperation with Director of Research at the Laboratoire Parole & Langage Philippe Blache, computing scientist of Simon Fraser University Verónica Dahl, professor of computer science at the University of Orléans Denys Duchier and associate professor at the Technical [...]"

NDRO: Our network meeting in August

Published 2014-10-10 at 14:35 No Comments

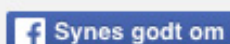



 Synes godt om  0  G+1  0

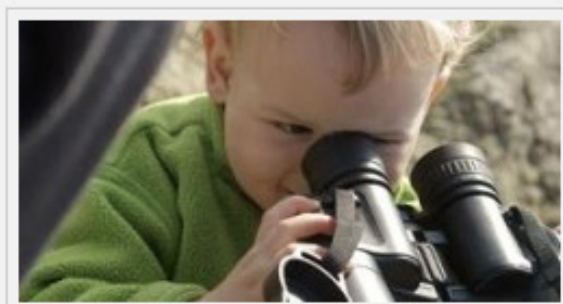


by John Damm Scheuer The 21 of august 2014 the Network for Robust Organizational Change discussed organizational change from an implementation and a translation perspective. Two cases were discussed: The implementation of the new Danish public school reform and the introduction of a system aimed at minimizing risks of patients having their hip replaced in [...]

Et forsvar for den ærlige nysgerrighed

Published 2014-10-10 at 13:51 No Comments





 Synes godt om  0  G+1  0

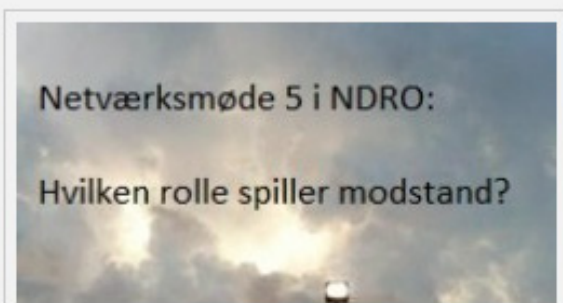


af Camilla Simonsen DHT-forsker Anita Mac skrev i juli en kronik i Information, omkring hvordan mange unge studerende i dag vælger strategier for deres uddannelser med mere blik på 12-taller, end på deres egne interesser – og hvorfor det kort sagt ikke er i nogens interesse. Kronikken er skrevet som svar til gymnasieeleven Anna Torp-Pedersen, [...]

NDRO: Modstands rolle i robust forandring

Published 2014-10-10 at 12:47 No Comments



 Synes godt om  0  G+1  0

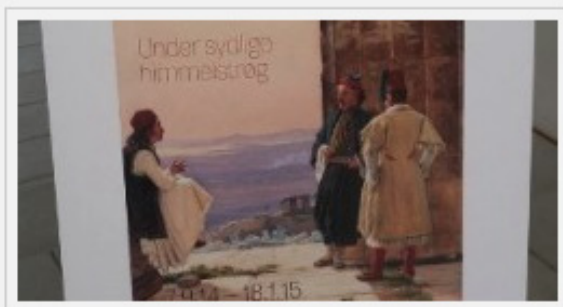


af Camilla Simonsen På NDROs femte netværksmøde sættes der fokus på modstand mod forandring. Er det et sundhedstegn eller et sygdomstegn? Er det virkelig noget man skal slås med, eller er det blot en social konstruktion, som man skal bruge så lidt tid på som muligt? Netværket graver ned under begrebet modstand, og ser [...]

Gigantisk skitsebog på Nivaagaard og Øregaard

Published 2014-09-26 at 15:13 No Comments

 Synes godt om { 1  0



af Camilla Simonsen Versioner af DHT-forskerne Henning Christiansen og Bjørn Laursens gigantiske skitsebog bliver i disse dage benyttet i udstillinger på både Nivaagaard og Øregaard Museum omkring den danske guldaldermaler Martinus Rørbye. Gentofte Lokalavis skriver blandt andet i en anmeldelse af udstillingen på Nivaagaard om 'Danmarks første Skagensmaler', Martinus Rørbye, at skitsebogen fungerer rigtig godt. Anmelderen skriver faktisk, [...]

Video: Richard L Baskervilles tiltrædelsesforeslæsning

Published 2014-09-25 at 16:08 No Comments



 Synes godt om { 1  0



af Camilla Simonsen Nedenfor kan du nu se Richard L. Baskervilles tiltrædelsesforeslæsning, der fandt sted på RUC i fredags til årsfesten den 19. september 2014, på video. I den spændende, underholdende og fagligt stimulerende forelæsning kommer Richard L. Baskerville blandt andet ind på etnografi og feltets sammenhæng med design studier. Han kommer også ind på aktionsforskning fra ideen til [...]

Richard L. Baskervilles tiltrædelsesforelæsning

Published 2014-09-12 at 16:38 No Comments

 Synes godt om { 0  0



af Camilla Simonsen Professor ved Georgia State University, Richard L. Baskerville, bliver ved RUCs årsfest 2014 udnævnt til æresdoktor på baggrund af en indstilling fra CBIT, deriblandt satsningsområdet Designing Human Technologies. I den anledning holder han en tiltrædelsesforelæsning den 19. september kl. 10-11.30 i lokale 42-2.37 med titlen "Design Ethnography and Information Systems". I sin [...]

Italienske billeder på RUB

Published 2014-09-12 at 16:06 1 Comment

f Synes godt om 0 G+ 0



af Camilla Simonsen Italienske Billeder udstiller fortsat på RUB, og i disse dage kommer blandt andet store flokke af nye studerende, der skal lære RUCs bibliotek at kende, forbi dem. Nedenfor kan du se nogle fotos fra udstillingen. Den gigantiske skitsebog Den digitale boginstallation, der er en del af udstillingen, er en ny opfindelse, der er [...]

Experience design

Published 2014-09-05 at 14:05 No Comments

f Synes godt om 0 G+ 0



by Camilla Simonsen A nomadic approach to experience design is explored in a new book chapter by Roskilde University DHT researcher Connie Svabo and Stanford professor Michael Shanks. In a new book chapter by DHT researcher Connie Svabo and Professor at Stanford University archaeologist Michael Shanks they discuss how a focus on experience design can [...]

Reception i anledning af bogen Situated Design Methods

Published 2014-09-04 at 13:18 No Comments

f Synes godt om 0 G+ 0

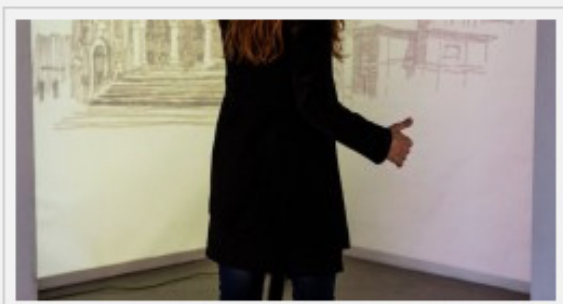


– fredag d. 19. september kl. 13-13.45 i hus 4 af Jesper Simonsen Bogen som mange HumTek studerende har efterspurgt er endelig kommet. Der har været brug for en god bog om hvordan man laver designorienterede projekter på HumTek. Uheldigvis har der ikke været noget god forskningslitteratur om dette – så 24 vejledere fra satsningsområde 'Designing [...]

Italienske billeder: Fernisering på mandag

Published 2014-08-29 at 15:15 No Comments

f Synes godt om 0 G+1 0



af Henning Christiansen Italienske Billeder har fernisering af en installation på RUCs bibliotek på mandag den 1. september kl. 14. Der vises en elektronisk GIGANT-skitsebog med tegninger fra Italien og modeller for andre installationen, bl.a. et bud på en interaktive Kulturportal som skal opstilles i det offentlige rum i Roskilde. *Udstillingen er den samme, som tidligere [...]

LOPSTR 2014: 24th International Symposium on Logic-Based Program Synthesis and Transformation

Published 2014-08-29 at 13:49 No Comments

f Synes godt om 0 G+1 0

24th International Symposium on
**Logic-Based Program Synthesis
and Transformation**
LOPSTR 2014

Canterbury, UK

September 9-11, 2014

af Henning Christiansen Prof. Henning Christiansen, CBIT, forskningsgruppe PLIS, deltager i konferencen LOBSTR 2014, med præsentation af en artikel skrevet sammen med ph.d.-studerende Maja Kirkeby fra samme forskningsgruppe. Titlen er »Confluence Modulo Equivalence in Constraint Handling Rules«. Konferencen finder sted i Canterbury, UK, 9.-11. september 2014. Området er fundamentale studier indenfor teknologi til programmering. Constraint Handling [...]

Velfærdsteknologier diskuteret

Published 2014-08-29 at 13:33 No Comments

f Synes godt om 0 G+1 0



af Camilla Simonsen DHT-forsker Katia Dupret har skrevet en kronik i Berlingske Tidende, der hedder "Ledere misforstår teknologiers potentialer". Kronikken handler om indførelsen af de såkaldte velfærdsteknologier som fx robotstøvsugere, GPS'er til demente og spisemaskiner til lammede. Et problem er nemlig, at de ledere, der tager beslutninger omkring indkøb af teknik til det offentlige, ofte er [...]

Computability in Europe – Language, Life, Limits

Published 2014-08-26 at 15:16 No Comments

 Synes godt om   



af Henning Christiansen Professor og DHT-forsker Henning Christiansen, CBIT, deltog i konferencen Computability In Europe med undertitlen "Language, Life, Limits", som fandt sted i Budapest, 23-17. juni 2014. Som titlen antyder, drejer det sig om begrebet beregnelighed, som det dukker op og/eller er relevant i mange af livets aspekter. Man kan sige, at konferencen havde et [...]

Video presentations from DASTS conference

Published 2014-08-22 at 14:51 No Comments

 Synes godt om   



by Camilla Simonsen RUC AIT has now released two videos of presentations from the 2014 conference of the Danish Association of Science and Technology Studies, DASTS, with the theme of Enacting Futures. For you who joined the conference: Take another look at Kristoffer Ørum's key note presentation on the "futuer" and enjoy in it the [...]

Designing the future

Published 2014-08-19 at 11:53 No Comments

 Synes godt om   



by Camilla Simonsen We cannot completely predict the future, but we can do better than guessing about it, and we can also take part in designing it. The DHT project Future Zone looks at different ways of researching the future. How much can we actually tell about the future in the first place? And why [...]

BRIK-beboerne er de nye storturister

Published 2014-08-15 at 14:39 No Comments

 Synes godt om  G+1



af Camilla Simonsen I den netop overståede sommerferietid blev DHT-forsker, adjunkt og akademisk koordinator på Turistførerruddannelsen Jane Widtfeldt Meged citeret i en artikel omkring den øgede globale turisme fra de såkaldte BRIK-lande; Brasilien, Rusland, Indien og Kina. De rejselystne BRIK-beboere skyldes hovedsagligt de flere penge, de voksende middelklasser i landene har fået til rådighed, og [...]

SCIS/IRIS conference on Designing Human Technologies

Published 2014-08-15 at 12:26 No Comments

 Synes godt om  G+1



by Camilla Simonsen Designing Human Technologies' director Jesper Simonsen opened the very recent Information Systems Research Seminar in Scandinavia SCIS/IRIS 2014 with a keynote presentation that introduced the conference theme "Designing Human Technology" and discussed the shared collective experiences from our 46 researchers' reflections on 33 different design projects so far. The presentation slides can [...]

4. møde i NDRO

Published 2014-07-18 at 16:03 No Comments

 Synes godt om  G+1

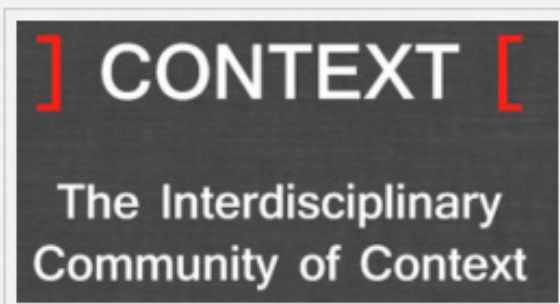


Netværk for Design af Robust Organisationsforandring (NDRO) glæder sig til at byde velkommen til deres fjerde netværksmøde den 21. august 2014 på RUC. Programmet for dagen kan ses her: 2014-07-18-4. møde i NDRO Se også en opsamling på skriftlige input på netværksmøde den 23. maj 2014 her: NDRO – opsamling på skriftlige input Læs mere om [...]

Announcement and call for papers: CONTEXT 2015

Published 2014-07-18 at 15:34 No Comments

 Synes godt om  0  G+1  0

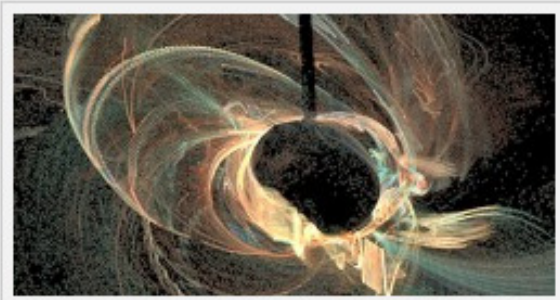


By Camilla Simonsen DHT-researcher Henning Christiansen is General Chair and Program Co-chair along with Isidora Stojanovic at next year's CONTEXT conference, which will be held in Larnaca, Cyprus, 2–6 November 2015. The official conference webpage can be seen here: [CONTEXT 2015](#) Some readers may recall that the CONTEXT conference of 2007 was held at CBIT, [...]

DASTS: Course in postphenomenology

Published 2014-07-07 at 09:58 1 Comment

 Synes godt om  0  G+1  0

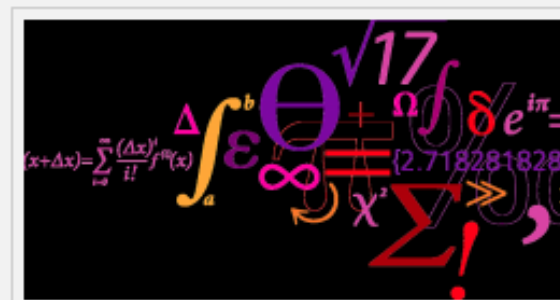


Information Studies at Aarhus University Denmark is in cooperation with Danish Association of Science and Technology (DASTS) arranging a course in postphenomenology on September 22nd -26th that might be interesting for some of you Designing Human Technologies-people. The course is called "Postphenomenology – Theory, methods, challenges", and you can read more about it at the [...]

4. aktivitet i NDRO

Published 2014-06-27 at 15:56 No Comments

 Synes godt om  0  G+1  0



Det 4. arrangement i Netværk for Design af Robust Organisationsforandring afholdes den 21. august. Vi glæder os allerede!! Programmet er under udarbejdelse, men det står klart, at vi fortsætter fokuseringen på oversættelsens betydning for succesrig implementering af organisationsudviklingskoncepter. John Damm Scheuer m.fl. holder oplæg, og vi går i dybden med de forskellige tilgange til at forstå [...]

Transportøkonomi: Lastbiler under Femern Bælt?

Published 2014-06-27 at 14:56 No Comments



 Synes godt om { 0  G+1 { 0



af Camilla Simonsen Danske vognmænd vil vende ryggen til Femern Tunnellen, hvis Scandlines går i priskrig på Femern Bælt, når den faste forbindelse åbner i 2021, skriver Børsen Online i en nylig artikel og forklarer at "flere trafikeksperter påpeger, at Femern A/S har undervurderet truslen fra færgerne". Artiklen er en af en række artikler i [...]

Successful PhD defense by Magnus R. P. Hansen

Published 2014-06-27 at 12:37 No Comments

 Synes godt om { 0  G+1 { 0



by Camilla Simonsen Monday June 23rd, Magnus R. P. Hansen successfully defended his PhD project in Informatics called "Discovering the Process of User Expectating in a Pilot Implementation". Read about Magnus R. P. Hansen's process of writing the PhD here (in Danish): Phd-blog I: Fra frustration til tryghed The PhD-dissertation found that it is more important [...]

OPEN Lecture at CIID: Designing Enchanted Objects

Published 2014-06-23 at 11:33 No Comments

 Synes godt om { 0  G+1 { 0



The following text has been copied from the CIID newsletter, in case some of you Designing Human Technologies-people should be interested in an open lecture at the Copenhagen Institute of Interaction Design tomorrow! Some believe the future will look like more of the same-more smartphones and tablets. David Rose has a different vision: technology that [...]

NDRO – Appetizer Video 4

Published 2014-06-06 at 16:34 No Comments

 Synes godt om  0  G+1  0



CHARLOTTE H. KAUFMANAS

af Camilla Simonsen Netværk for Design af Robust Organisationsforandring har fået lavet fire korte appetizer-videoer omkring netværkets formål og virke. Se den fjerde af de fire videoer her: NDRO Appetizer IIII I videoen spørger vi Charlotte H. Kaufmanas, der er sekretariatsleder i en offentlig styrelse, Linda Wermouth, der er assisterende distriktsleder i en kommune og [...]

Øget robusthed gennem oversættelse?

Published 2014-06-06 at 16:22 No Comments





 Synes godt om  0  G+1  0



af Peter Hagedorn-Rasmussen 'Jeg forstår ikke hvor vores arbejdsplads er på vej hen med den nye strategi!!!!?' Har du mon nogensinde stillet dig selv dette spørgsmål? Eller hørt dine kolleger stille spørgsmålet på din arbejdsplads!? Det er der mange der har. Og hvis der er mange der stiller sig selv dette spørgsmål, når der introduceres [...]

Solrigt netværksmøde i NDRO

Published 2014-06-06 at 13:34 No Comments


 Synes godt om  0  G+1  0



af Camilla Simonsen Netværk for Design af Robust Organisationsforandring har holdt sit tredje netværksmøde. Mødet omhandlede temaet "robust organisationsforandring gennem oversættelse af styringsteknologier?", og foregik delvis ude i det dejlige forårsvejr. Læs en introduktion til temaet her: NDRO netværksmøde 3: Intro Robusthed gennem oversættelse Søren Obed Madsen fra CBS holdt oplægget "Oversættelse og styringsværktøjer – [...]"

NDRO – Appetizer Video 3

Published 2014-05-30 at 12:33 1 Comment

 Synes godt om 0  0



af Camilla Simonsen Netværk for Design af Robust Organisationsforandring har fået lavet fire korte appetizer-videoer omkring netværkets formål og virke. Se den tredje af de fire videoer her: NDRO Appetizer III I videoen spørger vi Linda Wermouth, der er assisterende distriktsleder i en kommune, og Frank Iversen, der er leder i en stor IT virksomhed, [...]

Unity Workshop at Nordic Game conference, Malmø

Published 2014-05-29 at 15:15 No Comments

 Synes godt om 0  0



by Lisbeth Frølunde and Bojana Romic Assoc. Prof. Lisbeth Frølunde and research assistant Bojana Romic participated in the Unity workshop: "Prototyping visual storytelling" at the Nordic Game Conference, May 21st 2014 in Malmö. The workshop was an introduction to basic editing in Unity, with special focus on using Unity to visualize interactive, transmedia projects. The workshop [...]

Olav Storm Jensens tiltrædelsesforelæsning

Published 2014-04-25 at 11:47 No Comments

 Synes godt om 0  0



Tidspunktet for Olav Storm Jensens tiltrædelsesforelæsning som adjungeret professor er nu fastsat til fredag den 23. maj kl. 14-16.00 i biografen, hus 41.1 her på RUC. Se kort over RUC her: RUC Campus Forelæsningen vil blive holdt under titlen "Saglighed, selvforhold og sandhedssans", og med undertitlen "Fagpersonlige ind- og udviklinger -om autenticitets- og spil-kulturer i [...]"

Nyt fælles mål for DHT

Published 2014-04-10 at 10:45 No Comments

 Synes godt om { 0  G+1 { 0



af Jesper Simonsen Kære deltagere i satsningsområdet 'Designing Human Technologies' Der indkaldes hermed til et seminar for alle deltagere: – onsdag d. 4. juni kl. 14-16 i teorilokal 43-2.29 Temaet for seminaret er: Et nyt fælles mål for satsningsområdet? Vi har efterhånden levet op til stort set alle de mål vi satte os for satsningsområdet [...]

A PERFORMATIVE ARCHIVE

Published 2014-04-10 at 10:06 No Comments



 Synes godt om { 0  G+1 { 0



– notes on Københavns Museums VÆGGEN seen in an interdisciplinary field between performative art and the city an assignment summary by Christina Juhlin, student at performance design, RUC My interest in VÆGGEN derives in my interest in the relationship between the city and performative site-specific art. The city can be seen as an expression of [...]

Lidt om bilbeskatning og motorveje

Published 2014-04-04 at 14:37 No Comments

 Synes godt om { 0  G+1 { 0

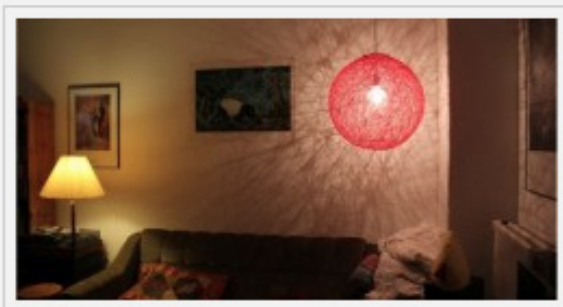


af Camilla Simonsen En ny rapport fra den grønne tænketank CONCITO peger på et behov for en snarlig omlægning af bilbeskatningen – helst i form af et globalt eller i det mindste europæisk lovsamarbejde. Rapporten kommer kort efter, at vores DHT forsker Per Homann Jespersen, Dansk Elbil Alliance, CONCITO, Det Økologiske Råd og Partnerskabet for [...]

Danes don't like neon tubes at home

Published 2014-04-04 at 09:40 1 Comment

 Synes godt om 



by Camilla Simonsen Light is something we all have an approach to and views about. That is, if "we" are Danes. DHT researcher Mikkel Bille has recently been interviewed for the Danish newspaper Information under the headline "The yellowish exception" about his research on the transition from incandescent bulbs to energy saving bulbs. In this [...]

Imod social opdeling i de danske byer

Published 2014-03-28 at 15:31 No Comments

 Synes godt om 

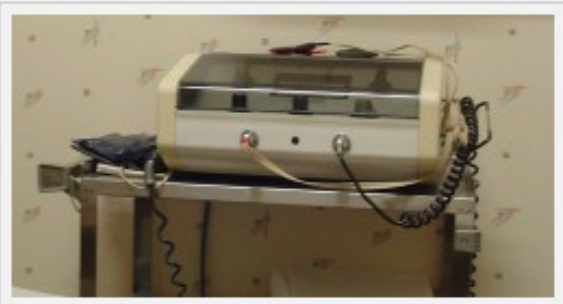


af Camilla Simonsen DHT forsker Martin Severin Frandsen, har været med til at udarbejde en netop offentliggjort rapport fra tænketanken Byen 2025 under Ministeriet for By, Bolig og Landdistrikter. Rapporten hedder "Fællesskaber i forandring", og indeholder blandt andet 13 forslag, der skal modvirke, at danske byer bliver mere socialt opdelt. Sidste onsdag overrakte tænketanken rapporten [...]

Etisk teknologiforståelse efterspørges

Published 2014-03-27 at 16:31 No Comments

 Synes godt om 



af Camilla Simonsen DHT forsker Katia Dupret har for nylig skrevet kronikken "Etisk teknologiforståelse i sundhedssektoren bør bedres" i Kristeligt Dagblad. I kronikken stiller Katia Dupret spørgsmål ved den umiddelbare og måske i nogle tilfælde ubegrundede optimisme, der i mange tilfælde synes at omgive ny teknologi-udvikling inden for sundhedssektoren. Der er mange gode nye teknologier. [...]

Workshop: Mobilities & Design

Published 2014-03-27 at 14:35 No Comments

 Synes godt om  0  G+1  0



ies & Design Wo
entre for Mobilities Research
4, Lancaster University

by Camilla Simonsen Honorary doctor at Roskilde University, Monica Büscher, nominated by the strategic research initiative Designing Human Technologies in 2012, is organizing a workshop on mobilities and design this April at Lancaster University. Please find the details of the workshop at Lancaster University's website: Details on the workshop In her invitation to the workshop, Monica Büscher writes: [...]

Møde om Workspace Design

Published 2014-03-20 at 17:00 No Comments


 Synes godt om  0  G+1  0



af Camilla Simonsen Tidsskrift for Arbejdsliv (Center for Studier i Arbejdsliv) og Selskab for Arbejdsmiljø (SAM) under Ingeniørforeningen, IDA, arrangerer på torsdag et møde om arbejdsmiljøhensyn i projektering og planlægning af nye arbejdspladser. "Kom og hør om forskning i den progressive tværfaglige udvikling indenfor design af arbejdsrum" skriver IDA i deres opslag for arrangementet, der kan ses sammen [...]

NDRO – Appetizer Video 1

Published 2014-03-20 at 16:04 2 Comments

 Synes godt om  0  G+1  0



af Camilla Simonsen Netværk for Design af Robust Organisationsforandring har fået lavet fire korte appetizer-videoer omkring netværkets formål og virke. Se den første af de fire videoer her: NDRO Appetizer 1 I videoen spørger vi to af netværkets deltagere, Charlotte H. Kaufmanas, der er specialkonsulent i offentlig styrelse, og Frank Iversen, der er leder i en [...]

Collaborative museum design

Published 2014-03-17 at 17:16 No Comments




 Synes godt om  0  G+1  0



by Camilla Simonsen While cooperation is generally a good thing, it is in many cases not easy. And when it comes to collaboration between museums and ICT design companies, contextual challenges indeed exist. This subject was empirically explored by our PhD fellow Anne Rørbæk who is active in the Danish Research Centre on Education and [...]

CALL FOR PAPERS: CSLP 2014

Published 2014-03-11 at 16:41 No Comments





 Synes godt om  0  G+1  0

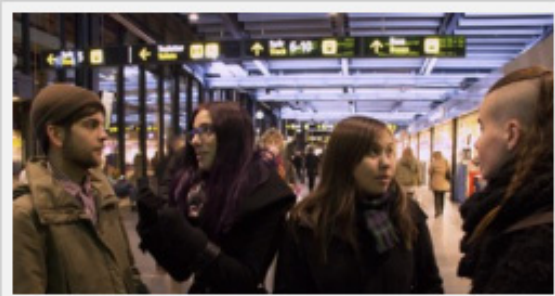


by Henning Christiansen The CSLP 2014 workshop considers the role of constraints in the representation of language and the implementation of language processing from an interdisciplinary point of view. This theme should be interpreted inclusively: contributions from linguistics, computer science, psycholinguistics and related areas are welcome, and an interdisciplinary perspective is of particular interest. 8th [...]

Nudging har givet rygerne i Kastrup bedre manerer

Published 2014-03-07 at 15:32 No Comments

 Synes godt om  0  G+1  0



af Camilla Simonsen Kastrup lufthavn har i samarbejde med bl.a. DHT-forsker Pelle Guldborg Hansen "nudget" rygende flypassagerer til at tage mere hensyn til de ikkerygende ved at overholde lufthavnens rygeregler. Rygerne er altså blidt blevet "skubbet" eller "puffet" hen til de områder, hvor de er til mindre gene og irritation end ellers. Nudgingen er foregået [...]

Er det ikke længe siden...

Published 2014-03-07 at 14:46 No Comments

 Synes godt om 0  0



af Camilla Simonsen ...at vi har læst noget om det digitale postkaos her på bloggen? Not to worry; i tilfælde af at nogle af jer skulle have misset artiklen i DJØF Bladet og på DJØFs hjemmeside fra 7. februar, der er skrevet ud fra Designing Human Technologies' ph.d.-studerende Jesper B Berger og CBS' Kim N Andersens [...]

Robust organisationsforandring med relationel koordinering og social kapital?

Published 2014-03-07 at 13:54 No Comments

 Synes godt om 0  0



af Peter Hagedorn-Rasmussen I februar satte vores Netværk for Design af Robust Organisationsforandring på et velbesøgt møde fokus på begreberne social kapital og relationel koordinering. Det er begreber, som i samtiden tilbyder forskellige perspektiver og tilgange til at gå til organisatorisk forandring. I det følgende reflekteres over begrebernes mulige bidrag til at forstå design af [...]

Infostorme i Aftenshowet

Published 2014-02-27 at 15:26 No Comments

 Synes godt om 0  0



af Camilla Simonsen DHT forsker Pelle Guldborg Hansen, der sammen med Vincent F. Hendricks fra Københavns Universitet netop har udgivet bogen "Infostorms – How to take Information Punches and Save Democracy" fortalte i DRs Aftenshowet tirsdag aften om begrebet 'infostorme'. Se indslaget om infostorme i Aftenshowet her Kort sagt er infostorme "noget, der opstår i [...]"

The Museum Field in Transition

Published 2014-02-27 at 15:01 No Comments

 Synes godt om   







by Michael Haldrup Pedersen January 30th 2014 the 4th RUC-MUS conference was held under the title "The Museum Field in Transition". This year's theme was "The dangerous Museum?". With case studies from Denmark and UK, issues and experiences concerning politics, art, ethics and ownership relating to the role of museums and exhibition design were addressed.

[...]

DHT 2.0: PhD seminar in May

Uncategorized

Published 2014-02-20 at 13:56 2 Comments

 Synes godt om   



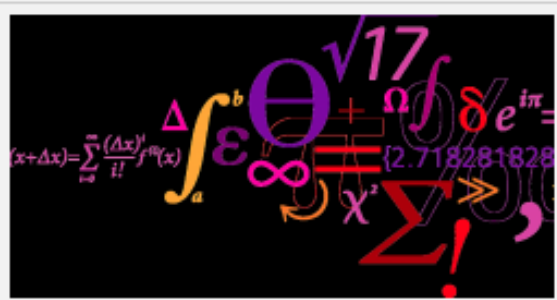
18th-20th May, the second PhD course organized by Designing Human Technologies will take place, and we are happy to say that the demand for this course has been very high. All available seats are now filled, and with 20 PhD participants, we are very happy that the course will be even bigger than last years'

[...]

Slides fra Netværksmøde i NDRO

Published 2014-02-20 at 10:15 No Comments

 Synes godt om   



Netværksmøde 2 i Netværk for Design af Robust Organisationsforandring løb af stablen den 7. februar, og var efter sigende en succes. Blandt andet udforskede deltagerne robuste organisationsforandringer gennem social kapital og relationel koordinering og hilste på 7 nye medlemmer i netværket. Vi er blevet sat et blog post fra en central deltager om dens forløb i udsigt. Vi

[...]

Call for papers on Design Education and Social Innovation

Published 2014-02-13 at 21:13 No Comments

 Synes godt om  0  G+1  0



The journal 'Design and Culture' invites proposals for short 'position papers' on emerging issues in design education and social innovation for an upcoming feature section (Vol. 7 no. 2, July, 2015). We seek a total of six to eight papers of no more than 1500 words that develop a clear and concise thesis, outline a [...]

Billeder fra BOXPARKCPH

Published 2014-02-13 at 20:51 No Comments

 Synes godt om  0  G+1  0



En gruppe studerende fra Performance Design på RUC arrangerede i november en containerinstallation på Frue Plads som en del af et projekt omkring alternative løsninger på bolig manglen blandt studerende i København. Nedenfor kan nu ses de spændende billeder fra installationen. De studerende har efterfølgende samlet deres vigtigste konklusioner fra projektet, omkring hvad der skal fokuseres på, [...]

3rd International Conference on Design Creativity

Published 2014-02-13 at 14:47 No Comments



 Synes godt om  0  G+1  0



The Centre for Product Design and Manufacturing at the Indian Institute of Science, Bangalore, India has announced the date for the third International Conference on Design Creativity (ICDC) in January 2015. The official invitation can be seen here: Official Announcement. The third ICDC is an official conference of the Design Society promoted by its Special [...]

En bærbar per barn – udvikling eller ren forvirring?

Published 2014-02-13 at 13:23 No Comments

 Synes godt om 0  0



Kan tablets og laptops uddanne og udvikle fattige børn? Der er de senere år opstået en serie initiativer, der bruger informationsteknologi til at skabe social såvel som økonomisk udvikling blandt verdens fattige. Et af de mest berømte initiativer er det amerikanske One Laptop per Child (OLPC), der har formidlet hundrede tusinder af bærbare computere til [...]

DHT har vokseværk: Flere nye forskere i 2014

Published 2014-01-30 at 17:46 No Comments

 Synes godt om 0  0

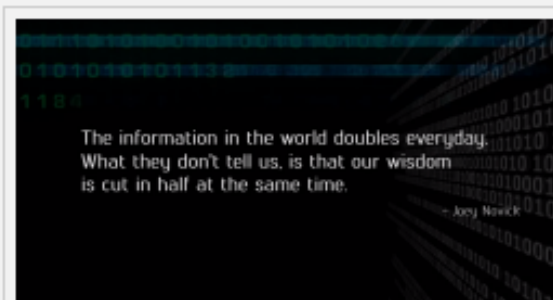


af Camilla Simonsen Vores strategisk prioriterede forskningsområde 'Designing Human Technologies' fik i januar tre nye deltagere: Professor Henning Christiansen, fra forskningsgruppen Programming, Logic and Intelligent Systems (PLIS), CBIT og adjunkt Markus Holzweber fra forskningsgruppen Management in Transition (MITRAN), CBIT, startede begge den første januar. Midt på måneden fulgte lektor Anders Chr. Hansen, der især forsker i miljødynamik og -risiko fra forskningsgruppen ENV-DYN, fra [...]

Navigating the superabundance of information

Published 2014-01-30 at 17:41 No Comments

 Synes godt om 0  0

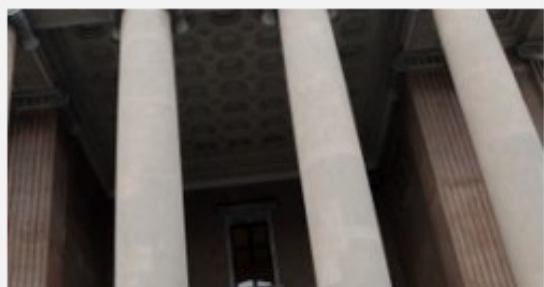


by Camilla Simonsen A new book about the ever increasing amount of information available in contemporary society and what it does to us is just about to hit the book shelves this February. It is called "Infostorms – How to take Information Punches and Save Democracy", and is written by professor of formal philosophy at [...]

En modtaget mail fra det offentlige kan ændres

Published 2014-01-24 at 13:46 1 Comment

 Synes godt om  0  G+1  0

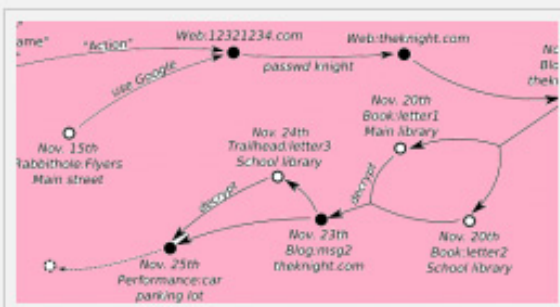


af Camilla Simonsen Politiken har i denne uge en opdatering omkring den digitale situation i det offentlige under overskriften "Myndigheder kan ændre i e-breve i din indbakke". Fokus i artiklen er på at adressefeltet på mails sendt fra det offentlige kan ændres flere år tilbage, og at dette ifølge jurister er problematisk. Årsagen til funktionen [...]

ARGs: In-situ design and situated action

Published 2014-01-23 at 19:24 No Comments

 Synes godt om  0  G+1  0



by Camilla Simonsen A new design method for the so-called Alternate Reality Games is described by DHT researcher Erik Kristiansen in a currently-in-press book chapter of the same name (Alternate Reality Games). The method includes directions for idea generation, site exploration, how to write an ARG narrative, design of the player experience, design of challenges [...]

Tekniske forhold får skylden for manglende svar

Published 2014-01-16 at 13:35 No Comments

 Synes godt om  0  G+1  0



Tredje delrapport om digital kommunikation med den offentlige sektor fra DHT forsker Jesper Bull Berger og Kim Normann Andersen fra Aalborg Universitet er tilgængelig online: "Årsager til manglende svar på digital post", og det er overvejende tekniske årsager, der får skylden for de manglende digitale svar fra offentlige myndigheder. I rapport 3 er kun medtaget [...]

Robuste forandringsprocesser? Netværksmøde 2 i NDRO

Published 2014-01-16 at 10:41 No Comments

 Synes godt om { 0  { 0



Andet netværksmøde i Netværk for Design af Robust Organisationsforandring holdes den 7. februar 2014 på RUC, lokale 04.06. På dagen udforsker vi robuste organisationsforandringer gennem social kapital og relationel koordinering – og hilser på 7 nye medlemmer i vores netværk! Se programmet for netværksmøde 2 [TILMELD DIG HER](#) . Vælg "Tilmelding til møde 2. Robuste Forandringsprocesser med [...]"

KONFERENCE: Digitalt UDEFOR

Published 2014-01-16 at 10:00 No Comments

 Synes godt om { 0  { 0



Projekt UDEFOR inviterer til konference om udsatte og hjemløse borgeres brug af IT Onsdag d. 19. marts 2014 kl. 9:30 – 15:45 i Mødecener Odense, Buchwaldsgade 48, 5000 Odense C. På konferencen kan du bl.a. høre om udrulningen af de fællesoffentlige digitale løsninger. Du kan også høre om digitaliseringens konsekvenser for borgere på kanten af [...]"

INTERACTION DESIGN: Interesting lecture @ CIID cph Tuesday Jan 14th

Published 2014-01-13 at 21:37 No Comments




 Synes godt om { 0  { 0



Interaction Paradigms and their Metaphors Published via CIID by Connie Svabo Six paradigms are competing for dominance of what we call interaction design. Three 'old' metaphors have gotten us where we are: Media (read, play, enjoy, experience, journalism), Tool (use, task, efficiency, HCI), Intelligence (language, dialog, AI). Three others are lurking: Ecologies (life, evolution, nature), [...]"

A socio-material perspective on production studies

Published 2014-01-09 at 16:41 No Comments

 Synes godt om   



by Camilla Simonsen Production studies is a growing and exciting field these years, and the socio-material approach can be very useful in current research, argues a new book chapter from DHT researcher Sara Malou Strandvad. Hence the 30 page book chapter called "Analyzing Production from a Socio-Material Perspective", states that "the social analyses of cultural production [...]"

Digitalt post-kaos – anden del

Published 2013-12-13 at 13:42 1 Comment





 Synes godt om   



af Camilla Simonsen Anden del af Jesper Bull Berger og Kim Normann Andersens rapport omkring digital kommunikation i det offentlige er nu at finde online. Rapporten sammenfatter hovedresultater for styrelser og statslige organisationer fra en undersøgelse gennemført i sommeren 2013 om besvarelse af e-mail og digital post i den statslige, regionale og kommunale sektor. Den [...]"

On films: "Design & Thinking" and "Maker"

Published 2013-12-12 at 10:41 No Comments

 Synes godt om   

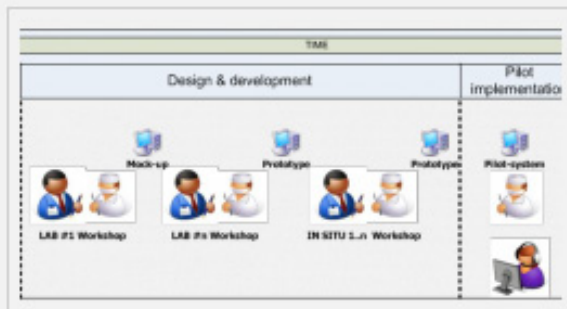


by Lisbeth Frølund I have only seen the trailers, but the two films look like good examples of conveying complex design processes through film. The documentary film Design & Thinking (2011) poses questions such as how do we think about design in the changing landscape of business, culture and society. It is inspired by design thinking [...]"

Electronic Healthcare Record tested and discussed

Published 2013-12-04 at 15:00 No Comments



 Synes godt om 0  G+1 0



Anders Barlach together with Morten Hertzum and Jesper Simonsen have published a book-chapter in the book "Cases on Usability Engineering: Design and Development of Digital Products" this fall. The chapter called "Pilot Implementation Driven by Effects Specifications and Formative Usability Evaluation" reports on usability-engineering work performed throughout the pilot implementation of a so-called Electronic [...]

Anders Barlach defends his PhD about effects driven IT development

Published 2013-11-07 at 21:34 No Comments

 Synes godt om 0  G+1 0



On November 22nd, DHT researcher Anders Barlach defends his PhD about Effects Driven IT development. The defense will be held at 1pm in room 43-3.29 at RUC – see a map here: RUC campus map We look much forward to this, and everybody is welcome to come and listen. PhD Abstract: Effects Driven IT development [...]

Lysfest i Roskilde: Stor og anderledes succes

Lysfest i Roskilde: Stor og anderledes succes

Published 2013-11-07 at 23:00 2 Comments


 Synes godt om 0  G+1 0



Roskildes centrum omkring Kulturstrøget myldrede af liv og innovation i mørket da den italienske lysdesigner, gæsteprofessor på Performance-design Fabrizio Crisafulli* fra Kunstakademiet i Rom, og fire RUC-grupper fra Performance-design-kurset på det humanistiske basisstudium skabte lysinstallationer samtidig på fire lokaliteter i centrum: Dels dybt nede i kirkeruinen St. Laurentii som fremtrådte helt forandret og forunderligt, hvilket også [...]

Dansk STS-konference på RUC

Published 2013-12-20 at 10:33 No Comments


 Synes godt om 0  G+1 0

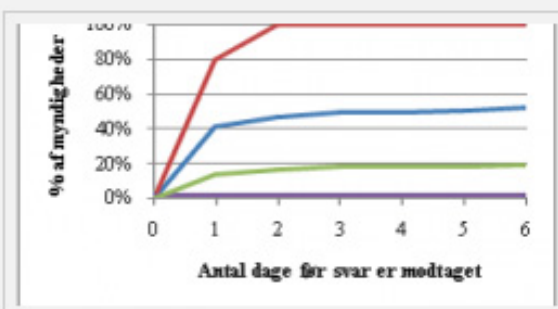


af Sara Malou Strandvad Call for Papers til næste års danske STS-konference er på gaden nu – og konferencen holdes på RUC 12.-13. juni 2014. Konferencen har temaet 'Enacting Futures' og afholdes i regi af foreningen DASTS (Danish Association of Science and Technology Studies). Du kan læse call for papers på DASTSs hjemmeside her. Vi [...]

Debatmøde om den offentlige tvangsdigitalisering

Published 2013-11-22 at 12:37 No Comments

 Synes godt om 0  G+1 0



Dørene i kommunen siger åbne og lukke Vi præsenterer onsdag den 27. november kl 13-16 resultaterne fra en dugfrisk undersøgelse om den offentlige sektors parathed til digitaliseringens ambitiøse mål. Med Udbetaling Danmark og Digital post er perspektivet at den fysiske borgerservice indskrænkes markant – tilsyneladende. I modsat retning trækker at de digitale løsninger er så [...]

Ny adjungeret professor: Olav Storm Jensen

Published 2013-11-07 at 23:47 2 Comments

 Synes godt om 0  G+1 0



af Jesper Simonsen Olav Storm Jensen er netop udnævnt til adjungeret professor på Roskilde Universitet. Han er mag.art. i psykologi fra Københavns Universitet, hvor han i 1969 ved en prisopgave blev belønnet med universitets guldmedalje. Han var i perioden 1969-1983 ansat ved Københavns Universitet, Psykologisk Laboratorium, som amanuensis, kandidatstipendiat/adjunkt og lektor. Her forskede og underviste [...]

Billeder: Italian Drawings

Published 2013-12-04 at 14:17 3 Comments



 Synes godt om  0  G+1  0



Nedenfor er et lille billedgalleri fra åbningsarrangementet til den interaktive kunstinstitution Italian Drawings, der kan ses frem til den 20. december på Det Italienske Kulturinstitut i København. Den utraditionelle udstilling er blevet til i et samarbejde mellem kunstnere, dataloger og teknikere fra Roskilde Universitets Institut for Kommunikation, Virksomhed og Informationsteknologier (CBIT) og fra Accademia di Belle [...]

Udstillingsåbning og foredrag: 2 x Performance Design

Published 2013-11-21 at 23:22 No Comments

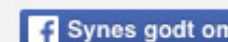



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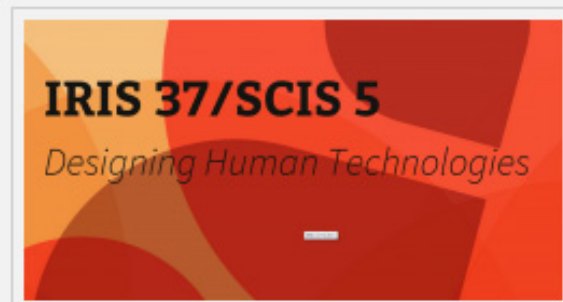


Kære Bloglæsere, I er hermed inviteret til indvielse af en interaktiv kunstinstitution – Italienske Billeder – på Istituto Italiano di Cultura di Copenaghen i aften, fredag 22. november kl. 19. Installationen er resultatet af et tværvideenskabeligt samarbejde på vores institut mellem Bjørn Laursen fra Performance Design og Henning Christiansen fra Datalogi. Du kan også se og høre Fabrizio [...]

SCIS 2014: Call for Papers

Published 2013-11-26 at 10:52 No Comments

 Synes godt om  0  G+1  0



Roskilde University and Aalborg University welcome you to the Fifth Scandinavian Conference on Information Systems, SCIS 2014. The conference will be held August 10-13, in conjunction with the 37th Information Systems Research Seminar in Scandinavia (IRIS 2014) under the auspices of the Information Systems Research in Scandinavia Association (IRIS). While most participants are from the [...]

Design can challenge beliefs and values

Published 2013-11-26 at 10:28 No Comments





 Synes godt om   



by Lisbeth Frølund Adversarial design problematizes the simplification of solution-oriented design efforts which are sometimes apply gamification, nudging and service design. A main problem is that if we miss the complexities of change, and overlook the social and political aspects, then design becomes overly focused on shallow solutions. In the recent book Adversarial Design, author [...]

Digital Snaps: The changing reality of photography

Published 2013-11-22 at 13:39 No Comments

 Synes godt om   



Photography as an everyday practice is changing dramatically once again. At this moment of transition from analogue to digital, the new book Digital Snaps aims to develop a new media ecology that can accommodate these changes to photography 'as we know it'. Varied disciplines represented in Digital Snaps demonstrate how and to what extent the [...]

Changing behavior through monitoring and nudging

Published 2013-11-20 at 16:55 No Comments

 Synes godt om   

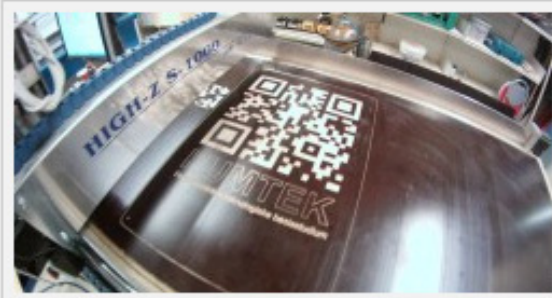


by Camilla Simonsen A project at the Technical University of Denmark (DTU) monitors one thousand students, tracking where they are going and who they are meeting to create a new understanding of how we interact in groups. Two DTU researchers are using the data the monitoring finds to build a model of the social network the [...]

FabLab RUC Åbning 21. november 13-15

Published 2013-11-08 at 15:53 No Comments

 Synes godt om 



De sidste 4 år har HUMTEK på RUC holdt på en velbevaret hemmelighed: Vi har faktisk ét af Danmarks bedst udrustet Fablabs med bl.a. 3D-printere, 4 CNC maskiner og 2 store laserskærere. Nu åbnes hele herligheden for alle interesserede: Forskere og Studerende fra RUC og kreative iværksættere i omverdenen kan benytte sig af faciliteterne. Kom [...]

Guest lecture with Stefania Milan

Published 2013-12-03 at 21:29 No Comments

 Synes godt om 

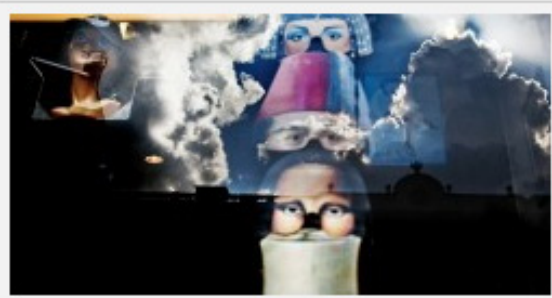


What? Today's social movements rely heavily on communication technology to organize and protest. Self-organized communication infrastructures are crucial gears in the machine of dissent organizing. But how do these platforms and projects emerge, and how do they function? Who are the activists behind them? In her new book, 'Social Movements and Their Technologies: Wiring [...]

VISPER seminar: Methodological challenges

Published 2013-10-29 at 14:26 No Comments





 Synes godt om 



Five researchers in the subjects of Designing Human Technologies will in a VISPER seminar discuss how they work methodologically in examining the experiences of an audience. The discussing researchers are our guest associate professor Matthew Reason; Connie Svabo, Henriette Christrup and Kim Schrøder from our Department of Communication, Business and Information Technologies and Bjarne Sode Funch from [...]

Postphenomenology

Published 2013-10-24 at 15:53 No Comments





 Synes godt om  0  G+1  0



By Connie Svabo The school of thought called postphenomenology is useful for articulating and understanding the relationships that people develop with technologies – from everyday media to prosthetic technologies which act as interfaces between body/self and world. According to scholar Robert Rosenberger from Georgia Institute of Technology, postphenomenology has fruitful ideas about how to conceive [...]

Business is Design

Published 2013-10-24 at 15:27 No Comments

 Synes godt om  0  G+1  0



By Connie Svabo Design is a resource for business thinking. Increasingly, design is used as a mindset which can help create clarity in a complex and fuzzy world, where core capabilities are the ability to cross domains and translate needs into solutions and business opportunities. According to global design service providers, businesses and education experts, [...]

Docent i teatervidenskab besøger Performance Design

Published 2013-10-29 at 14:15 No Comments

 Synes godt om  0  G+1  0



Af Sara Malou Strandvad Performance-Design får besøg af Matthew Reason, der er docent i teatervidenskab ved York St John Universitet, 11.-22. november. Matthew Reason arbejder med publikumsundersøgelser og dokumentation af performances, særligt i relation til børneteater. Han har udviklet forskellige metoder til kvalitative publikumsundersøgelser blandt andet gennem at bruge tegning. Hans publikationer omfatter bøgerne Documentation, Disappearance and [...]

Industriel symbiose – det nye sort?

Published 2013-10-15 at 13:28 No Comments

 Synes godt om 0  G+1 0



af Camilla Simonsen "I Kalundborg sparer virksomheder millioner af kroner på at genanvende hinandens ressourcer." Sådan starter en ny artikel ud af flere nylige i de danske medier omkring konceptet industriel symbiose (se fx også 'Symbioser kan give virksomheder millionbesparelser'), der helt kort går ud på, at virksomheder skal udnytte hinandens affald og restprodukter til [...]

Forskere skaber bedre sygehuse

Published 2013-10-11 at 09:38 No Comments

 Synes godt om 0  G+1 0



RUC-forskere er med til at indføre et system, der i sidste ende kan føre til, at patienter får mere tid med læger og sygeplejersker. af Rasmus Karkov – Artiklen er produceret til RUC's videnskabsmagasin Rubrik Foto: Uffe Weng Det danske sygehusvæsen er i gang med en digital revolution, der vil frigøre personalet fra en lang række [...]

Jeanette Blombergs tiltrædelsesforelæsning på video

Published 2013-10-09 at 13:00 No Comments

 Synes godt om 0  G+1 0



af Camilla Simonsen "Jeg ser en masse ansigter, jeg genkender her – mennesker, jeg har arbejdet med tidligere, og mennesker, jeg ikke har arbejdet med, men hvis arbejde, jeg kender." Således indleder nytiltrådte adjungeret professor Jeanette Blomberg sin tiltrædelsesforelæsning, der nu kan ses på video ovenfor. Det var den 19. september, tiltrædelsesforelæsningen med titlen "Ethnography [...]"

Radio – an Important Human Technology

Published 2013-10-02 at 12:32 2 Comments

 Synes godt om   



by Camilla Simonsen The technology of radio broadcasting has met strong competition from television, internet and mobile phones with social media. However, the good old FM broadcasting technology, pioneered by American electrical engineer and inventor Edwin Howard Armstrong in the 1930ies, has far from outplayed its enormous role. In countries with less competition than here in the Western [...]

Urban Cycle Mobilities: Gallery

Published 2013-10-02 at 12:06 No Comments

 Synes godt om   



by Camilla Simonsen Jonas Larsen, researcher at the Strategic Research Initiative at Roskilde University, 'Designing Human Technologies' has been in New York exploring how cycling design became part of the urban planning of New York and how it has changed practices of cycling in the city. Below find a slide show of his pictures. Read more about the project Urban [...]

Video presentations of our six major DHT projects

Published 2013-09-25 at 10:24 No Comments

 Synes godt om   



We are very happy to announce that presentation videos from the six major research projects within the Strategic University Research Initiative 'Designing Human Technologies' can be seen at our blog (for those of you who did not find them here already): [Situated Design Methods](#) [Design of Feedback-based E-decisions](#) [Experimental \[...\]](#)

Performance-design får besøg af verdenskendt professor i lys

Published 2013-09-19 at 14:19 1 Comment





 Synes godt om  0  G+1  0



af Sara Malou Strandvad Den italienske professor Fabrizio Crisafulli besøger Performance-design i uge 40 og i uge 44. Fabrizio er professor i set design på Academy of Fine Arts i Rom og professor i koreografi som rumlig viden på Università Roma Uno. Han har en baggrund som teaterinstruktør og har i mange år været leder [...]

Digital kommunikation i det offentlige: Svar og svartider

Published 2013-09-17 at 09:42 2 Comments

 Synes godt om  0  G+1  0



af Kim Normann Andersen, AAU og Jesper Bull Berger, RUC Ny rapport sammenfatter hovedresultaterne af en undersøgelse gennemført i juni måned 2013 om besvarelse af e-mail og digital post i den statslige, regionale og kommunale sektor. Allerede med eDag3 1. nov. 2010 skulle alle myndigheder have oprettet en digital postkasse, som borgerne kunne skrive til. [...]

'Situated Design Methods' – a success going to print

Published 2013-09-19 at 12:49 No Comments

 Synes godt om  0  G+1  0



by Camilla Simonsen You cannot count your chickens before they hatch, and neither can we tell the success of a book before it is in stores – but right now 'Situated Design Methods' is going to print, and the preliminary reviews are very promising. 'Situated Design Methods' consists of 20 chapters written by 27 researchers [...]

Invitation og program: Tilmelding til Netværk for Design af Robust Organisationsforandring

Published 2013-09-17 at 22:29 No Comments

 Synes godt om 0  G+1 0

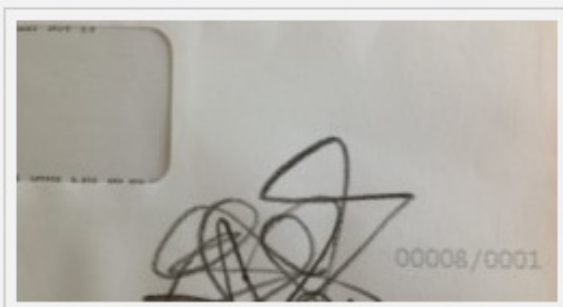


af Peter Hagedorn-Rasmussen Læs detaljerne om de første arrangementer i Netværk for Design af Robust Organisationsforandring og tilmeld dig netværket. Følg linket her og vær med til at skabe fremtidens robuste organisationsforandringer: Invitation, program og tilmelding.

Bjarne Corydon undskylder Digital Post-kaos

Published 2013-09-25 at 10:15 1 Comment



 Synes godt om 0  G+1 0



af Connie Svabo Bjarne Corydon undskylder Digital Post-kaos / Tirsdag, 24. september 2013 – 7:38 Version 2. En undersøgelse fra RUC og Aalborg Universitet viser, at for statslige myndigheder svarer blot to ud af ti på henvendelser via Digital Post. Det er utilfredsstillende, og det skal der strammes op på inden 1. november, erkender finansminister [...]

Book reception: Celebrating finished manuscript

Published 2013-09-17 at 16:45 1 Comment

 Synes godt om 0  G+1 0



by Camilla Simonsen Today at RUC, the authors of the book "Situated Design Methods", all researchers in the area of Designing Human Technologies, had a reception to celebrate that the manuscript has now been handed in to the publishers at MIT-Press. A couple of pictures from the event can be seen below. To read more [...]

UNDP interest in Designing Human Technologies

Published 2013-09-25 at 14:30 1 Comment

 Synes godt om  0  G+1  0



by Connie Svabo The UNDP Bratislava Regional Centre works with development issues in 25 countries and territories in Central and Eastern Europe, the Caucasus and Central Asia, and has expressed interest in the ongoing work of the Roskilde University Strategic Research Initiative Designing Human Technologies. The regional office is interested in collaboration on issues of [...]

Tegneserier fra nye HumTek'ere illustrerer designprocesser

Published 2013-09-09 at 16:01 No Comments

 Synes godt om  0  G+1  0

af Camilla Simonsen I dag har et hold af de nye Humtek-studerende på RUC som en semesterstart-opgave tegnet tegneserier om problemløsning, iteration og brugerinvolvering i designprocesser. Der blev tegnet om processer for design af et bredt spektrum af opfindelser. Blandt andet blev der i tegneserierne filosoferet over gode og dårlige designprocesser i forbindelse med design [...]

Urban cycle mobilities in New York – day 23

Published 2013-08-22 at 14:43 No Comments

 Synes godt om  0  G+1  0



CYCLING ETHNOGRAPHY by Jonas Larsen More bike messenger bags. Notice also another aspect of the bike messenger uniform: the visible keys and especially toe straps (and tattoos of course)

Urban cycle mobilities in New York – day 22

Published 2013-08-22 at 14:37 No Comments

 Synes godt om  0  G+1  0



CYCLING ETHNOGRAPHY by Jonas Larsen Two design objects play a key part on the cycle scene in New York. And they are very often Firstly, the ubiquitous Kryptonite u-lock that everyone seem to use to lock their bike against something heavy and 'immobile' so that it can not be carried away. They are are also [...]

Urban Cycle Mobilities in New York – day 20

Published 2013-08-16 at 14:58 No Comments

 Synes godt om  0  G+1  0

CYCLING ETHNOGRAPHY by Jonas Larsen Not every cyclist is young and riding a cool bike. There are also a small group of cyclists in their 50s and 60s and they are found on the busy and intimidating streets of Manhattan too.

Urban cycle mobilities in New York – day 18

Published 2013-08-16 at 14:45 No Comments

 Synes godt om  0  G+1  0

CYCLING ETHNOGRAPHY by Jonas Larsen Running red lights and getting a head start ... It is more common to see cyclists jumping red lights and respecting them. They act like pedetrains and this ensure that cycling is fast and often much faster than cars.

Urban cycle mobilities in New York – day 17

Published 2013-08-16 at 08:23 No Comments

 Synes godt om  0  G+1  0

CYCLING ETHNOGRAPHY by Jonas Larsen Cyclists in New York have a very relaxed relationship to the traffic rules. They are going against the traffic one one-way roads and they jump the red lights more or less every time there is a chance. I soon discovered that I was the only that waited with the cars for [...]

Urban cycle mobilities in New York – day 16

Published 2013-08-15 at 21:31 No Comments

 Synes godt om  0  G+1  0

CYCLING ETHNOGRAPHY by Jonas Larsen At the protective cycle lanes around the Hudson River and Central Park there are many businesses renting out bikes and many of them have people on the street that try get tourists into their particular place. Renting is not cheap though. Some 35-40 dollars for a day! Cycling has clearly become [...]

Urban cycle mobilities in New York – day 15

Published 2013-08-15 at 21:02 No Comments

 Synes godt om  0  G+1  0

CYCLING ETHNOGRAPHY by Jonas Larsen GHOSTBIKES. One can not help to bump into these white ghost bikes! Each symbolize a cyclist that was killed on the streets of New York. Many are several years old! Across the city in 2012, 136 pedestrians and 19 cyclists were fatally struck by motorists in 2012. <http://www.streets-blog.org/2013/01/31/nypd-15465-pedestrians-and-cyclists-injured-155-killed-in-traffic-in-2012/> AS the organization writes: "The Street [...]"

Urban cycle mobilities in New York – day 14

Published 2013-08-15 at 20:12 No Comments



 Synes godt om  0  G+1  0



CYCLING ETHNOGRAPHY by Jonas Larsen I love the way in which people are not afraid to add an basket or child-seat to their racer bike.

Urban Cycle Mobilities in New York – day 13

Published 2013-08-14 at 21:23 No Comments

 Synes godt om   



CYCLING ETHNOGRAPHY by Jonas Larsen Not all cyclists are white and 'youngish' and ride trendy vintage or fixie bikes. Thousands of 'poor' Mexican and Chinese 'migrants' make a living working as couriers for restaurants. They are recognizable by their yellow vests and cheap mountain bikes. At Manhattan they can at times easily outnumber other commuters. [...]

Urban cycle mobilities in New York – day 13

Published 2013-08-13 at 13:53 No Comments


 Synes godt om   



CYCLING ETHNOGRAPHY by Jonas Larsen The bike lane network is constantly expanding. This stretch is design-in-progress.

Urban cycle mobilities in New York – day 6

Published 2013-07-24 at 17:33 No Comments

 Synes godt om   



CYCLING ETHNOGRAPHY by Jonas Larsen At Williamsburg Bridge making observations and 'cycling along'. 'Fixes' (bikes with brakes!) are still 'cool' and used by many at this bridge connecting Williamsburg and Lower East Manhattan where lots of creative-type reside. Around here cycling is definitely a fashionable thing performed by youngish able-bodied – and often tattooed – [...]

Urban cycle mobilities in New York – day 5

Published 2013-07-17 at 04:28 1 Comment

 Synes godt om  1  G+1  0



CYCLING ETHNOGRAPHY by Jonas Larsen Yet another vintage bike, you may ask? There is more to the picture than another beautiful bike (and a misplaced washing machine). 1) I'm in love with New York's new cycling racks. They are cool and practical at the same time. One can easily lock one's bike to them with a [...]

Urban cycle mobilities in New York – day 4

Urban cycle mobilities in New York – day 4

Published 2013-07-17 at 03:56 No Comments

 Synes godt om  0  G+1  0



CYCLING ETHNOGRAPHY by Jonas Larsen When it comes to vintage bikes then Schwinn is the 'hot shit'. That Schwinn is still in business, making all sorts of practical utility bikes are not evident in NY. There is definitely a vintage craze here. Ross is another popular vintage brand.

Urban cycle mobilities in New York – day 3

Published 2013-07-17 at 03:22 No Comments





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CYCLING ETHNOGRAPHY by Jonas Larsen Brooklyn is a heaven for vintage racers. They are everywhere and no-one drive new cheap bikes that are so common in Copenhagen. People ride in style.

Urban cycle mobilities in New York – day 2

Published 2013-07-11 at 22:26 No Comments

 Synes godt om   



CYCLING ETHNOGRAPHY by Jonas Larsen I'm beginning to realize that is not only the painted cycle lanes that are poorly maintained. Many of the streets here in Brooklyn appear very poor: they are uneven and full of potholes. I imagine it can not be a smooth ride to be a cyclists here. And the cars [...]

Urban cycle mobilities in New York – day 1

Published 2013-07-11 at 21:44 No Comments

 Synes godt om   



CYCLING ETHNOGRAPHY by Jonas Larsen In New York to do a small (auto)ethnographic study of cycling in New York. Like some many other cities around the world cycling has finally received some political attention. The Department of Transport of New York is proud to announce that they have build some 300 km cycling lanes within [...]

Archive for June, 2013

New member of Advisory Board: Professor Orvar Löfgren

Published 2013-06-14 at 10:44 No Comments

 Synes godt om  0  G+1  0

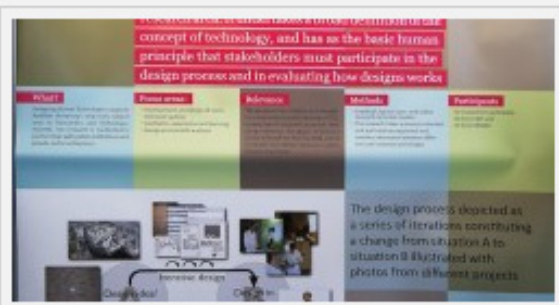


by Michael Haldrup Pedersen New member of the Advisory Board: Professor Orvar Löfgren, Lund University has been appointed as member of the Advisory Board for the research area Designing Human Technologies which is a cross-disciplinary cooperation between Roskilde University departments ENSPAC and CBIT. The two other members are the American Jeanette Blomberg and the Dane Finn [...]

Slideshow from the festive opening

Published 2013-06-08 at 18:28 No Comments

 Synes godt om  0  G+1  0



by Connie Svabo Reportage photography from the opening of Designing Human Technologies, June 7th, 2013 All images by Roskilde University photographer Poul Erik Frandsen

Successful design kickoff

Published 2013-06-07 at 21:20 No Comments

 Synes godt om  0  G+1  0



by Connie Svabo More than 100 people participated in the festive opening of the Roskilde University Strategic Research Initiative Designing Human Technologies at RUC Friday June 7th, 2013.

Indvielse: festlige forberedelser

Published 2013-06-07 at 10:57 No Comments

 Synes godt om 

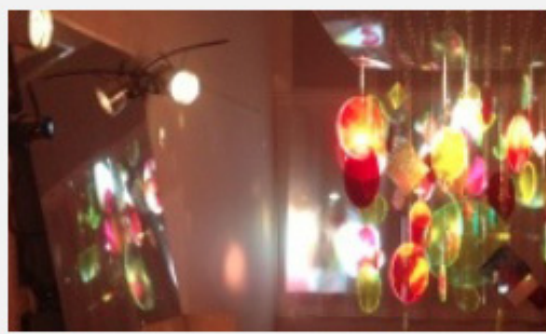


by Connie Svabo

Indvielse: program

Published 2013-06-06 at 15:10 No Comments

 Synes godt om 

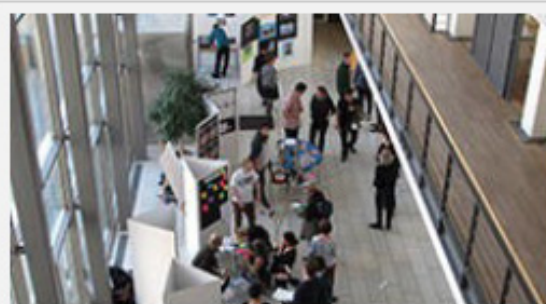


by Connie Svabo 7 . juni 2013 kl. 13:00-15:00, bygning 04, Roskilde Universitet 13.00: Velkomst og registrering 13:15 – 14:00: 5 korte taler • Prorektor Hanne Leth Andersen • Institutleder Lene Palsbro, CBIT • Institutleder Jørgen Ole Bærenholdt, ENSPAC • Satsningsområdeleder Jesper Simonsen • Projektledere, Region Sjælland, Anette Dahl Høm 14 :00 –15:00: Reception og [...]

Indvielse: overblik over faglige stande

Published 2013-06-06 at 15:09 No Comments

 Synes godt om 

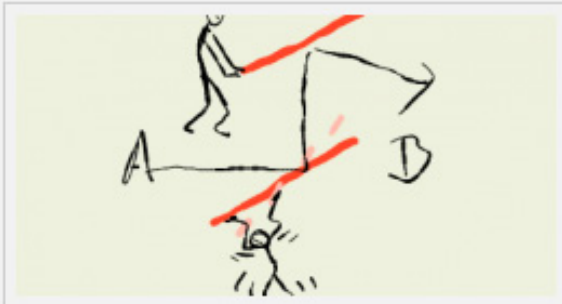


by Connie Svabo Stande med faglige smagsprøver • Om satsningsområdet generelt, v. Jesper Simonsen • Projekt: Design af robust organisationsforandring, v. John Damm Scheuer • Projekt: Design of feedback-based E-decisions, v. Markus Holzweber • Projekt: Clinical Communication, Nykøbing Falster, v. Morten Herzum og Jesper Simonsen • Projekt: Experimentel udstillingsdesign / oplevelsescylinder, v. Michael Haldrup • [...]

Network for Design of robust organizational change

Published 2013-06-04 at 09:05 No Comments



 Synes godt om 0  0



by Peter Hagedorn-Rasmussen 'The only constant is change' – Almost any organizations today continuously find themselves in a state of change. Managers and employees engage in changes and put energy into creating organizations that are known for sustainability, quality, efficiency etc. Some thrive with the fluidity that follows with change while other finds it difficult to [...]

Lydininstallation: interaktiv cembalo på museum

Published 2013-06-03 at 21:08 No Comments



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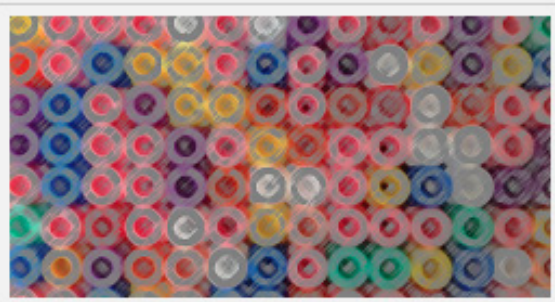


by Connie Svabo Erik Kristiansen (performance design) arbejder med et forskningsprojekt, der undersøger om transparente interaktive lydinstallationer kan anvendes til formidling på museer. Til Revetlow-museet på Pederstrup har han sammen med cembalisten Allan Rasmussen og Museum Lolland-Falster designet en interaktiv lydinstallation, der uden speak, billede eller betjeningspanel, formidler cembaloets klangunivers ud fra publikums bevægelser i [...]

New Network of Participatory Design PhD students

Published 2013-05-29 at 22:00 No Comments





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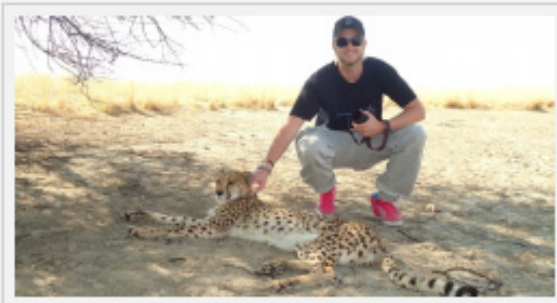


by Connie Svabo A PhD network for Participatory Design has been established as an outcome of the PhD course "Designing Human Technologies" which took place May 26-28, 2013 in the Holbæk area in Denmark. One of the founding members of the network which initially consists of an open LinkedIn group "PhD for Participatory Design", Kasper [...]

PhD Course Participant's Report

Published 2013-05-29 at 19:12 No Comments

 Synes godt om  0  G+1  0






by Connie Svabo Participatory Design was a common theme of interest among the 16 PhD students and 4 senior scholars who participated in the PhD course Designing Human Technologies, organized by Roskilde University, May 26-28, 2013. Course Participant Kasper Rodil, a Ph.D.-student at Aalborg University who works with the situated management of indigenous knowledge through [...]

PhD Course: Designing Human Technologies May 26-28 2013

Uncategorized

Published 2013-05-15 at 22:05 1 Comment

 Synes godt om  0  G+1  0



by Connie Svabo Designing Human Technologies is a broad (participatory) design-oriented research field with a central human principle of participation and ethical concerns. Common goals of research activities in this field include being constructive, and solution oriented in close dialogue with citizens and users. Deep analyses of how designs are used and enter into the [...]

Opening of the RU research area "Designing Human Technologies"

Uncategorized

Published 2013-05-13 at 17:54 No Comments

 Synes godt om  0  G+1  0

by Connie Svabo Come and participate in making the design research at RU a festive event! The new strategic research area at Roskilde University "Designing Human Technologies" will be opened on 7 June 2013 at 13:00 – 15:00 in building 04. It will be a sparkling kick-off with tastes for the brain as well as [...]

New Adjunct Professor at Roskilde University: Jeanette Blomberg member of Advisory Board

Uncategorized

Published 2013-04-10 at 16:21 No Comments

 Synes godt om  0  G+1  0



by Connie Svabo New Adjunct Professor at Roskilde University: Jeanette Blomberg, Ph.D., Program Director of Practice-based Service Innovation, IBM Almaden Research Center, San Jose, CA, USA. Jeanette Blomberg's research explores issues in ethnographically-informed organizational interventions, participatory design, social aspects of technology production and use, and practice-based service innovation. Prior to assuming her current position, Jeanette was a member of Lucy Suchman's Work Practice and Technology group at the Xerox Palo Alto Research Center (PARC), Director of [...]

Finn Kensing member of Advisory Board

Uncategorized

Published 2013-04-10 at 15:58 No Comments

 Synes godt om  0  G+1  0



by Connie Svabo Finn Kensing, Professor, Dr. Scient. at Department of Computer Science and Director of Center for IT Innovation, University of Copenhagen, Denmark. He has conducted research on participatory design since the late 70s, first in one of the pioneering Scandinavian trade union projects, later also with management, IT-professionals and users. Currently he focuses on participatory design research in order to [...]

Projektbørs 19. april 2013

Uncategorized

Published 2013-04-06 at 21:37 No Comments

 Synes godt om 0  G+ 0



by Connie Svabo Kom til projektbørs om designforskning: Seminarets primære formål er at give RUC-forskere et overblik over de projekter som er under opstart samt fungere som projektbørs, hvor også nye ideer til projekter som kan samle interesse på tværs af eksisterende forskningsgrupper og institutter kan præsenteres. NB: Hvis du ønsker at fremlægge en ny projektide opfordres du til [...]

I forbindelse med projektbørs: Jesper Simonsen 25 års jubilæum

Uncategorized

Published 2013-04-06 at 21:36 No Comments

 Synes godt om 0  G+ 0

by Connie Svabo Invitation til Jesper Simonsens 25 års jubilæum fredag den 19. april kl. 15.15 i foyéren på RUC, bygning 41 Den 1. marts 2013 har professor MSO Jesper Simonsen været ansat i statens tjeneste i 25 år. Jesper Simonsen har været ansat på Roskilde Universitet siden 1986. Vi fejrer Jesper Simonsen med en [...]

2. seminar: Situated Design Methods 17-18 april 2013

Uncategorized

Published 2013-04-05 at 21:51 No Comments

 Synes godt om 0  G+ 0



by Connie Svabo Program for seminar om bog-projektet Situated Design Methods Formålet med seminaret er at reviewe alle bogens kapitler, og dens tværgående struktur, herunder diskutere hvad vi forstår ved bogens overskrift og begrebet Situated. ONSDAG D. 17. april 2013 kl 9.30-18.00 REVIEW af alle kapitler 9:00 RUC bil afgår fra RUC. De som [...]