

who

cares

?

2-4

June

8th biannual

Nordic Design Research Society

Aalto University,  
Espoo, Finland

2019

# NORDES 2019 CONFERENCE

NORDES 2019 is the 8th biannual conference of the Nordic Design Research Society co-hosted by two Finnish institutions: *Aalto University* and *University of Lapland*. Convened in 2005, the society is an informal network of people interested in design research. NORDES convenes biannual conferences and, on opposite years, biannual summer schools.

The conferences and summer schools are hosted and self-organized on a voluntary basis by Nordic institutions of higher education, and the location of each rotates between the Nordic countries. Interest in hosting such an activity can be made by contacting the NORDES board or by attending the open '*Commons*' meeting that takes place at each NORDES conference.

In addition, NORDES promotes the publication and dissemination of design research through the NORDES Digital Archive (*nordes.org*). Visitors, including non-members of NORDES, can view all previous academic proceedings through the archive inviting engaging and more robust dialogues for design research as well as related fields.

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# who cares ?

This question is a provocation for design research. What do, or should, we care about in design and design research today? Underpinning the question are issues of culture and agency – *who cares, for whom, and how?* Taking care, or being cared for, evokes the choice of roles, and processes of interaction, co-creation and even decision-making. Caring, as a verb, emphasizes care as intention, action and labor in relation to others. Care can be understood as concern for that beyond oneself, for others and, thus, human, societal and even material and ecological relations are at stake. The question of care is also a call for questioning relationships, participation and responsibility, democratic and sustainable ways of co-existing. From this expansive societal standpoint, we could even ask who cares about design? And what should we do about it? The 8th biennial NORDES conference

poses the question, “*who cares?*”, exploring related questions, issues and propositions concerning responsibilities, relationships, ways of doing and directing design today.

The conference takes place at a time of great challenges and transitions in many of our societies.

The consequences of climate change are becoming everyday reality for many, and sustainability is increasingly an issue for design institutions to frame and value in relation to other fundamental subjects. Diversity, equality and justice are matters of increasing public (as well as personal and community) attention and concern, and we continue to struggle with how to address this in societal and institutional structures, policies and daily interactions. European and Nordic countries are transforming in socio-economic terms as previous values, economies and systems of social welfare are being restructured and redistributed in various ways.

Nordic countries – and design – have long been on the forefront of addressing social, economic and environmental challenges, including design institutions, education and subjects. These can even be understood to underpin traditional concern and competencies in formgiving, making, materials and craft. More recent and explicit approaches have included human-centered paradigms such as participatory and co-design, inclusive and humanitarian design, and, increasingly, design for sustainability, transitions and social innovation, and design for services and policy. In order to address societal

challenges practically, theoretically and ethically, design has engaged with areas of knowledge-making and theory-building from other disciplines, which can also be understood to challenge design more fundamentally. Ecological approaches, for example, may challenge design's human-centeredness; and other scientific discourses can challenge preoccupation with the material and human-scale of design. At this time of socio-ecological challenges and transitions, it is a good moment for design research to engage with questions from the inside (from our practices, scholarship and institutions) and outside-in (through dialog, interaction and knowledge production with others, including other disciplines).

In the 2019 NORDES conference, we draw inspiration from notions of care as a lens through which to reflect upon and critique as well as potentially to refocus and redirect design and design research. Care might be understood in relation to philosophical lines of inquiry in other disciplines exploring theories, politics and ethics of care. Care might be understood concretely in relation to the ideals and infrastructures of welfare and healthcare systems, or service interactions. Care might be understood personally as a mindset seeking out what is meaningful for people, and for life, and with design as reflective and skilled action concerned with improving things and preferred situations.

In relation to the conference theme of care, possible themes for submissions were suggested. These include but are not limited to:

- *The who in care?* Relations and empathy with humans and others
- *Care (in)action?* Encounters, systems and institutions of care, welfare, healthcare
- *How to care?* Care and careful materials, methods and processes in design and design research
- *Care, where?* Design and peripheries, identities, minorities and commonalities
- *Ethics and ethos of care?* Purposes, philosophies and responsibilities in/of design

The seeds for the theme of this conference can be traced back several years and number of roots that were fertilised by the discussions and keynotes at NORDES 2017 hosted in Oslo, Norway, on the theme “*Design + Power*”. At that conference, a proposal to host this conference was made in the ‘*Commons Meeting*’ by Tuuli Mattelmäki, Ramia Mazé and Satu Miettinen. In between the NORDES 2018 Doctoral Summer School on the theme “*Design & Care*” was organized

by Linnaeus University and Malmö University, Sweden, and the the Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation. A planning meeting hosted by the general chairs was held in December 2017 at Aalto University, with participation and essential inputs from many of the current organizers, previous and current NORDES board members, and local researchers and leaders including Turkka Keinonen, Ossi Naukkarinen and Anna Valtonen. NORDES 2019 represents a profound and widespread collective effort.

There has been a great amount and diversity of submissions to NORDES 2019. There are five submission categories, including Full papers, Short/Exploratory papers, Posters, Workshops and submissions to the Doctoral Consortium (DC). Full and short/exploratory papers were subject to double-blind peer review, and accepted papers in these categories are entered into the searchable online NORDES digital archive. Posters, workshops and DC were subject to single-blind peer review.

As to amount of submissions, paper and workshop categories were especially competitive. Workshops, notably, received a record number of 27 submissions, with only

6 available slots in the program. This amount of high-quality submissions is certainly something we note for future, this can be a category to expand for next conferences. Among the academic categories, there were 57 full papers submitted, of which 22 were accepted. There was an unusually high amount of short/exploratory papers submitted this year, and 15 of the submitted 44 were accepted.

The Nordic design research community has been undergoing diversification and generation change. Since the first conference, NORDES'05 in Denmark, the most recent two conferences have particularly attentive to such issues. For NORDES'19, we have updated and expanded lists of institutions and reviewers. We have been actively discussing and reaching out to try and represent the broadening design research community.

The conference organization and contributors demonstrate this demographic shift. At NORDES'19, 72% of full and short/exploratory paper authors are female, whereas the balance in previous conferences typically tilted in the other direction. 29% of authors are based at institutions in Finland, 15% in Sweden, 12% in Denmark and 4% in Norway. These authors at Nordic institutions are also highly international in experience and origin. NORDES continues to be highly international – among full and short/exploratory paper authors, 9% come from institutions in the United States,

9% from The Netherlands, 6% from Colombia, 5% from Australia, 4% from Belgium, 3% from Poland, and 3% combined representation from Austria, Hungary and Turkey and others. Thank you to all those authors who submitted and all those participating in NORDES 2019, it is an honor and a pleasure and an honor to host you and your important, high-quality and “care-full” contributions to the conference.

The organization of this conference has entailed an amazing range and depth of expertise, planning, willpower and labor. This reflects the impressive capacity and commitment of the Nordic design research community, as well as a shared vision to reflect and drive the field forward. We are grateful to the submission category and session chairs, review committee, conference producers, proceedings, digital and media chairs, visual identity designers, student/alumni volunteers, Aalto University and the University of Lapland and conference sponsors.

## NORDES 2019 INTRODUCTORY WORDS

Tuuli Mattelmäki, *Aalto University, Finland*

Ramia Mazé, *Aalto University, Finland*

Satu Miettinen, *University of Lapland, Finland*

NOTES FOR PAPER SESSIONS

Full paper [F]: Each paper presentation is 30 minutes (20 mins presentation + 10 mins discussion)

Short/Exploratory paper [S]: Each paper presentation is 15 minutes (10 mins presentation + 5 mins discussion)

Each paper session ends with a general discussion (20 minutes), except plenary paper session

| Sunday 2 June |   | program   |
|---------------|---|---|
| 09:30–13:00   | DOCTORAL CONSORTIUM<br>Morning session<br>Chairs: Jacob Buur, Loove Broms, Idil Gaziulusoy and Eija Timonen<br>Learning Centre                  |   |
| 12:00–        |   | WORKSHOPS<br>Chairs: Sune Klok Gudiksen, Karen Marie Hasling, Heidi Pietarinen and Virpi Roto<br>Learning Centre  |
| 13:00–14:00   | LUNCH BREAK<br>(restaurant suggestions provided)  | 12:00–17:00<br>Service Design Meets User Experience Design: Clash or marriage? Virpi Roto, Jung-Joo Lee, Effie Law<br>13:00–17:00<br>Caring for or with Public Things – Mapping possible roles of designing as democratic practice<br>Laura Popplow, Melisa Duque, Paola Pierri   |
| 14:00–17:00   | DOCTORAL CONSORTIUM<br>Afternoon session<br>Learning Centre   | 13:00–17:00<br>Norm-Critique in Practice: Haptic and tactile design methods in the notion of care Hanna Af Ekström, Cristine Sundbom<br>14:30–17:00<br>Care-Oke: A silly-serious design joke Mathilda Tham, Hannah Jones, Sara Hyttén-Cavallius, Anette Lundebye, Julia Lockheart |
| 17:00–17:30   | BREAK / REGISTRATION<br>Tori, Learning Centre   |   |
| 17:30–18:45   | OPENING BY Anna Valtonen, Vice President of Aalto University<br>KEYNOTE BY Rauna Kuokkanen: Care, who and where?<br>Makerspace, Learning Centre |   |
| 18:45–20:00   | GET-TOGETHER<br>Tori, Learning Centre   |   |
| 13            | Sunday 2 June   | program   |



08:30–09:00 REGISTRATION  
1st floor Lobby, Undergraduate Centre

09:00–10:30 WELCOME

KEYNOTE BY Tomás Sánchez Criado: How to care?

INTRODUCTION OF POSTERS  
Hall A, Undergraduate Centre

10:30–11:00 BREAK  
2nd floor Lobby, Undergraduate Centre

11:00–12:30 PAPER SESSION 1A  
Care and common/public interests  
Chair: Thomas Binder / [\[S\]](#) *Rituals of Care: Reimagining welfare*, Meike Schalk,  
Sara Brolund de Carvalho; [\[S\]](#) *Affective Infrastructuring*, Alicia Smedberg; [\[S\]](#) *Taking Positions: Institutions and individuals in public sector, design* Maria Ferreira, Eeva Berglund; [\[F\]](#) *Public Libraries as Engines of Democracy: A research and pedagogical case study on design for re-entry*, Lara Penin, Eduardo Siaszowski, John Bruce,  
Barbara Adams, Mariana Amatullo  
Hall B, Undergraduate Centre

PAPER SESSION 1B  
Caring bodies and abilities  
Chair: Eva Brandt / [\[F\]](#) *A Tangible Understanding of Chronic Pain*, Christina Fyhn, Jacob Buur; [\[S\]](#) *Finding Calm in a Perfect Storm*, Stella Boess, Elaha Zarabi, Christiaan Uythoven, Gerald Kraan; [\[F\]](#) *Co-Ability Practices*, Renáta Dezsó-Dinnyés  
F101, Våre

PAPER SESSION 1C  
Care-full everyday practices  
Chair: Martín Ávila / [\[F\]](#) *Does It Spark Joy?*, Connie Svabo; [\[S\]](#) *Iron while Still Damp*, Julia Valle-Noronha,  
Marina Valle-Noronha; [\[S\]](#) *Caring with Others – Cultivating and revaluating as forms of everyday designing*, Melissa Duque, Laura Poplow  
F102, Våre

12:30–14:00 LUNCH  
2nd floor Lobby, Undergraduate Center

14:00–15:30 PAPER SESSION 2A  
Care in/for diverse contexts  
Chair: Sissel Olander / [\[F\]](#) *Design for Care in the Peripheries: Arts-based research as an empowering process with communities*, Satu Miettinen, Melanie Sarantou, Essi Kuure; [\[F\]](#) *Zoopolis: Non-anthropocentric design as an experiment in multi-species care*, Monika Rosinska, Agata Szydłowska; [\[S\]](#) *Caring for Diversity in Co-Design with Young Immigrants*, Dagny Stuedahl, Henry Mainsah  
Hall B, Undergraduate Centre

PAPER SESSION 2B  
Ecologies and care  
Chair: Ann Light / [\[F\]](#) *Three Ecologies Diffracted: Intersectionality for ecological caring*, Martín Ávila; [\[S\]](#) *Ecofeminist Understandings of Care and Design for Sustainability Transitions: Towards a theoretical framework of work for the degrowth movement*, Eeva Houtbeckers, Idil Gaziulusoy; [\[F\]](#) *Reparative Practices: Invitations from mundane urban ecologies*, Emmy Laura Perez Fjalland, Kristine Samson  
F101, Våre

PAPER SESSION 2C  
Caring for design identities and roles  
Chair: Jung-Joo Lee / [\[F\]](#) *Identities Shaped by Creative (Design) Journeys*, Stephen Awoniyi; [\[S\]](#) *Research Experiences beyond the Comfort Zone*, Juan Sanin; [\[S\]](#) *Designing Care and Commoning into a Code of Conduct*, Cindy Kohtala, Jedediah Walls, We-Left Collective  
F102, Våre

15:30–16:00 BREAK  
2nd floor Lobby, Undergraduate Centre

16:00–17:00 PLENARY PANEL SESSION: We care  
Chair: Julia Lohmann  
Hall A, Undergraduate Centre

19:00– CONFERENCE DINNER  
Shuttle bus leaves at 18:30 from the main entrance of Undergraduate Centre to Hanaholmen



|             |   |   |  |
|-------------|---|---|--|
| 09:00–10:30 | PAPER SESSION 3A<br>Materialities and care<br>Chair: Maarit Mäkelä / <a href="#">[F]</a> <i>Towards Sustainable Textile Materials: Potential pathways and dialogues between disciplines</i> , <a href="#">Pirjo Kaariäinen</a> , <a href="#">Kirsi Niinimäki</a> ; <a href="#">[F]</a> <i>How Can We Come to Care in and Through Design?</i> , <a href="#">Li Jönsson</a> , <a href="#">Ann Light</a> , <a href="#">Kristina Lindström</a> , <a href="#">Åsa Ståhl</a> , <a href="#">Mathilda Tham</a> ; <a href="#">[F]</a> <i>Taking Care of Plastic: Discursive jewellery and anthropogenic debris</i> , <a href="#">Synne Skjulstad</a> <a href="#">Hall B, Undergraduate Centre</a>  | PAPER SESSION 3B<br>Caring for pasts and futures<br>Chair: Henry Mainsah / <a href="#">[S]</a> <i>(Un)Curating the City: Participatory design and urban heritage</i> , <a href="#">Mela Zuljevic</a> , <a href="#">Liesbeth Huybrechts</a> ; <a href="#">[F]</a> <i>Advanced Resilient Practices: Demythologizing design heritage</i> , <a href="#">Fahrettin Ersin Alaca</a> , <a href="#">David Muñoz Alcántara</a> ; <a href="#">[F]</a> <i>Who Cares? ...But first, what is the who, and what is care?</i> , <a href="#">Ian Coxon</a> , <a href="#">Craig Bremner</a> <a href="#">F101, Väre</a>   |  |
| 10:30–11:00 | BREAK<br><a href="#">2nd floor Lobby, Undergraduate Centre</a>  |   |  |
| 11:00–12:30 | PAPER SESSION 4A<br>Politics and ethics of care<br>Chair: Guy Julier / <a href="#">[F]</a> <i>Who Cares about Those Who Care? Design and technologies of power in Swedish elder care</i> , <a href="#">Camilla Andersson</a> , <a href="#">Ramia Mazé</a> , <a href="#">Anna Isaksson</a> ; <a href="#">[F]</a> <i>Health Cultures: Designing healthcare infrastructures as urban interfaces for society participation</i> , <a href="#">Liesbeth Huybrechts</a> , <a href="#">Katrien Dreessen</a> , <a href="#">Irma Földényi</a> , <a href="#">Daniela Dossi</a> ; <a href="#">[S]</a> <i>Broadening Horizons of Design Ethics? Importing concepts from applied anthropology</i> , <a href="#">Johanna Ylipulli</a> , <a href="#">Aale Luusua</a> <a href="#">Hall B, Undergraduate Centre</a> | PAPER SESSION 4B<br>Caring for material systems<br>Chair: Andrew Morrison / <a href="#">[F]</a> <i>Waste, so What? A reflection on waste and the role of designers in a circular economy</i> , <a href="#">Holly McQuillan</a> ; <a href="#">[S]</a> <i>Design for Sustainable Entangled Human-Nature Systems</i> , <a href="#">Emilija Veselova</a> ; <a href="#">[S]</a> <i>Testimonial Digital Textiles: Material metaphors to think with care about reconciliation with four memory sewing circles in Colombia</i> , <a href="#">Jaime Patarroyo</a> , <a href="#">Laura Cortés-Rico</a> , <a href="#">Eliana Sánchez-Aldana</a> , <a href="#">Tania Pérez-Bustos</a> , <a href="#">Nasif Rincón</a> <a href="#">F101, Väre</a> | PAPER SESSION 4C<br>Caring in/for other contexts<br>Chair: Mathilda Tham / <a href="#">[F]</a> <i>Why Care about Virtual Landscapes? Immersive open world gaming related to positive health</i> , <a href="#">Paul A. Roncken</a> ; <a href="#">[F]</a> <i>What Matters when Turning Utopias into Material</i> , <a href="#">Philip Hector</a> , <a href="#">Mikko Jalas</a> ; <a href="#">[S]</a> <i>Design for the Age of Species – Exploring ways for designers to care for multispecies coexistence</i> , <a href="#">Petra Lilja</a> <a href="#">F102, Väre</a> |
| 12:30–13:30 | LUNCH<br><a href="#">2nd floor Lobby, Undergraduate Centre</a>  |   |  |
| 13:30–15:00 | PLENARY PAPER SESSION: Considering care in design<br>Chair: Andrea Botero / <a href="#">[F]</a> <i>Navigating Care in Social Design: A provisional model</i> , <a href="#">Eva Knutz</a> , <a href="#">Thomas Markussen</a> , <a href="#">Tau Lenskjöld</a> ; <a href="#">[F]</a> <i>Empathy in a Technology-Driven Design Process: Designing for users without a voice of their own</i> , <a href="#">Elina Ilen</a> , <a href="#">Camilla Groth</a> , <a href="#">Markus Ahola</a> , <a href="#">Kirsi Niinimäki</a> ; <a href="#">[F]</a> <i>Caring Design Experiments in the Aftermath</i> , <a href="#">Kristina Lindström</a> , <a href="#">Åsa Ståhl</a> <a href="#">Hall A, Undergraduate Centre</a>  |   |  |
| 15:00–15:30 | BREAK<br><a href="#">2nd floor Lobby, Undergraduate Centre</a>  |   |  |
| 15:30–17:00 | KEYNOTE BY Lisa Nugent: Care (in)action<br>CLOSING<br><a href="#">Hall A, Undergraduate Centre</a>  |   |  |
| 17:00–18:00 | COMMONS MEETING<br><a href="#">Hall A, Undergraduate Centre</a>   |   |  |

keynote 1

## Care, who and where?

Dr. Rauna Kuokkanen,  
*Research Professor,*  
*University of Lapland, Finland*

“The Ethics of Care and the Logic of the Gift” will be the point of departure for Rauna Kuokkanen’s keynote lecture. Rauna Kuokkanen is Research Professor of Arctic Indigenous Studies at the University of Lapland, Finland. Prior to that, she was Associate Professor at the Department of Political Science and Indigenous Studies Program at the University of Toronto (2008–2018). Her main areas of research include comparative Indigenous politics, Indigenous feminist theory, Indigenous women’s rights and Arctic Indigenous governance and legal and political traditions. Kuokkanen’s new book *‘Restructuring Relations: Indigenous Self-Determination, Governance and Gender’* has

been recently released by Oxford University Press, and it is an Indigenous feminist investigation of the theory and practice of Indigenous self-determination, governance and gender regimes in Indigenous political institutions. Her other books include *‘Reshaping the University: Responsibility, Indigenous Epistemes and the Logic of the Gift’* (UBC Press, 2007) and *‘Boaris dego eana: Eamiálbmogiid diehtu, filosofijat ja dutkan’* (translated title *‘As Old as the Earth: Indigenous Knowledge, Philosophies and Research,’* Čálliidlagádus, Sámi Academica Series, 2009).

| TIME        | DATE   | LOCATION                    |
|-------------|--------|-----------------------------|
| 17:30–18:45 | 2 June | Makerspace, Learning Centre |

## How to care?

Dr. Tomás Sánchez Criado,  
Senior Researcher, Humboldt-  
University of Berlin, Germany

Tomás Sánchez Criado is Senior Researcher and the Chair of Urban Anthropology within the Department of European Ethnology at Humboldt-University of Berlin. He works at the intersection of Design Anthropology and STS, and his concern is for the social, material and political implications of designing care-related services, technologies, and urban infrastructures. More specifically, he has been experimenting with different modes of anthropological engagement in the field of inclusive design. He has been studying inclusive urbanism and design practices, and he has also been part of institutional initiatives and activist design

collective, such as the Barcelona-based ‘*En torno a la silla*’, regarding accessibility and independent-living. He is currently working on a book project tentatively called ‘*Mutual Access: Designing Careful Relations*’, unfolding different experimental approaches to anthropological engagement in the activist field of inclusive design. His work in this area also extends to education, thereby impacting future architects and designers. Relevant publications range from edited books (‘*Experimental Collaborations: Ethnography through Fieldwork Devices*,’ co-edited with A. Estalella) to special journal issues (‘*Re-learning design: Pedagogic experiments with STS in design studio courses*,’ co-edited with I. Farías) and a wide variety of articles.

| TIME        | DATE   | LOCATION                     |
|-------------|--------|------------------------------|
| 09:00–10:30 | 3 June | Hall A, Undergraduate Centre |

keynote 3

Care (in)action  
 Lisa Nugent,  
*Executive Director, Amgen Inc.,  
 United States*

Addressing the topic “Design for the Care Experience,” Lisa Nugent will share her vision on the role of design in healthcare and pharmaceuticals. Lisa Nugent is a design leader with a track record of building and embedding design teams in pharmaceutical and medical device companies. She trains and inspires teams to co-create with customers, thus ensuring products and services are adopted and loved. Lisa joined Amgen Global Marketing 2013 to form the Customer Experience team. At the Media Design Program of Art Center College of Design, she has been a core faculty member co-developing an active research environment for both students

and faculty. In the RWJF-funded project HealthDesign, she and her students worked with teen-aged patients and health providers, and they saw the positive impact that design could have in the lives of people who are living with serious illness. Lisa Nugent argues that throughout drug development, from the selection of a molecule to patient support programs, designers have a role to play in pioneering research methods, improving therapy experiences and health outcomes.

| TIME        | DATE   | LOCATION                     |
|-------------|--------|------------------------------|
| 15:30–17:00 | 4 June | Hall A, Undergraduate Centre |

# Care and common/ public interests

TIME  
11:00–12:30

DATE  
Monday June 3

LOCATION  
Hall B, Undergraduate Centre

CHAIR  
Thomas Binder

## [S] Rituals of Care: Reimagining welfare

Meike Schalk, *KTH School of Architecture, Sweden*  
Sara Brolund de Carvalho, *Independent Researcher, Sweden*

The legendary Swedish welfare state model comprised, on its smallest scale, an infrastructure of ‘common rooms’ (gemensamhetslokaler). Here, we explore common rooms as a spatio-social concept inspired by ‘the commons’. We argue that common rooms were fundamental to the Swedish welfare state model until the 1990s, and that the divorce of the spatial dimension from the social apparatus contributed to their demise. Using recent common rooms (Gemeinschaftsräume) in subsidized housing in Vienna as our empirical example, we illustrate how collectivity is influenced by changing legal frameworks, with common rooms receiving new attention in recent sustainable housing policies. On the micro level, we explore how these have led to paranoid constructions, but also to reparative acts and rituals of care for common rooms and their communities. What can we learn from this, and what larger structures of care can we develop for the future?

[S]      Affective Infrastructuring

Alicia Smedberg, *Malmö University, Sweden*

This paper discusses the implications of care within infrastructuring processes, through the lens of a case study account and anecdote. The case study, located in Malmö (Sweden), is an on-going project exploring methods for citizen engagement within city planning. The paper seeks to exemplify how affect can travel – and accumulate – in interactions between public sector workers and citizens, and how this affective current means that each actor is simultaneously affecting and being affected by her surroundings.

[S]      Taking Positions: Institutions and individuals in public sector design

Maria Ferreira, *Aalto University, Finland*  
 Eeva Berglund, *Aalto University, Finland*

If recent decades have witnessed an expanded notion of design, here we explore such trends through the changing roles of public innovation labs and individuals within them. Recognizing the work of design scholarship in seeking to understand this influential and fast-changing field, we focus not so much on institutional form as on individuals doing design-led work in the public sector, whether or not they think of their work in terms of design. The paper draws on initial findings from ongoing work involving interviews and engagements with such labs in Latin America. We suggest approaching urban innovation labs with more attention to individuals within them, could helpfully illuminate the wider purposes and social consequences of innovation labs themselves.



[F] Public Libraries as Engines of Democracy: A research and pedagogical case study on design for re-entry

Lara Penin, *Parsons School of Design, United States*  
 Eduardo Staszowski, *Parsons School of Design, United States*  
 John Bruce, *Parsons School of Design, United States*  
 Barbara Adams, *Wesleyan University, United States / Parsons School of Design, United States*  
 Mariana Amatullo, *Parsons School of Design, United States*

Founded with principles of equity, freedom and access, public libraries have always served as a cornerstone of democratic values and civic participation. In the context of 21<sup>st</sup> century transformational forces of globalization and digitization, libraries are also evolving their role from repositories of information and learning, to critical contributors of a culture of care in their communities. In this paper, we present insights from an ongoing collaboration with the Brooklyn Public Library that focused on the library's current re-entry services directed to formerly incarcerated patrons and their families. Drawing from participatory design and visual ethnographic approaches to inquiry, this study contributes to our understanding of the relational dimensions of design and its role as a reflexive and caring practice.



# Caring bodies and abilities

[F]

## A Tangible Understanding of Chronic Pain

Christina Fyhn, *University of Southern Denmark, Denmark*

Jacob Buur, *University of Southern Denmark, Denmark*

Pain is essential as a warning system for the human body. For some people, however, pain develops into a chronic condition. What makes it particularly difficult to care for patients with chronic pain conditions is that pain is an individual, subjective feeling. Traditionally, medical experts recommend that patients express their pain experience on a numeric scale or with standardised terms, but patients find this too simplistic to convey their condition. Also, the challenge that pain is a social issue, affecting patients' work and social life severely, urged us to look for alternative ways in which people might communicate their pain experiences. In this project we set out to use design materials to 'design' better communication means for patients to convey their pain experiences. In the process we realised a need to develop a tangible vocabulary for grasping what pain is really about.

TIME

11:00–12:30

DATE

Monday June 3

LOCATION

F101, Väre

CHAIR

Eva Brandt

## [S] Finding Calm in a Perfect Storm

Stella Boess, *TU Delft, The Netherlands*

Elaha Zarabi, *Dio Design, The Netherlands*

Christiaan Uythoven, *Dio Design, The Netherlands*

Gerald Kraan, *Reinier de Graaf Gasthuis, The Netherlands*

This paper presents insights from an exploratory study into the experience of orthopaedic rehabilitation that sought to support patients in self-care. In a research-through-design study, rough prototypes were generated and patient needs elicited. The project was a collaboration between an academic designer, a design agency, and an orthopaedic surgeon, and included perspectives from hand therapists and patients themselves. The study showed that patients greatly appreciate data support of hand rehabilitation exercises, because it helps them adjust and pace their perspective and experience of getting better. From a reflection on the prototypes in relation to the patient experience we also concluded that the prototypes do not fully help patients with one thing yet: not doing anything and staying calm. This yielded a new research goal and thus a new sub-program of research.

## [F] Co-Ability Practices

Renáta Dezső-Dinnyés, *Moholy-Nagy University of Art and Design, Hungary*

This paper explores philosophical and strategic possibilities to understand the concept of co-Ability, and generate critical and new insights to our value system in human centred societal challenges. I apply an experimental approach of research through design, analysed from an interpretive point of view to prove a grounded theory. The paper starts from a prosthesis development presented as a tangible pragmatic procedure. The purpose of the case study is the notion of care through practical design that is marked with concern since the probability of harm can be incised by pure design decisions. Instead of describing the politics of roles and ethics in a situation characterised by 'design for care' inspirations, I use reflection on design practice to understand embodied thoughts concerning relationships and the ways of doing. In the second part of the paper, I proceed with literature review in disability research and parallel design strategies. In the final section – in relation to co-design – I introduce the term of 'co-Ability' that is rooted in the critical approach of posthuman disability studies outlined by scholars such as Rosi Braidotti. It serves as a broad umbrella term under which we can reconsider the potentials of various entities (biological and artificial) enhancing the shared competence rather than dwelling on the oppressive nature of human-centred norms. Overall, I suggest that the dominant normative vision manifesting in societal challenges is in relational matter with multiple body representations.

# Care-full everyday practices

[F]

## Does It Spark Joy?

Connie Svabo, *Roskilde University, Denmark*

The question is asked by Japanese clutter-clearing expert Marie Kondo in a Netflix program, where she helps North Americans deal with their many things and where she also teaches participants to fold their clothes in organized ways. The question 'Does it spark joy?' in my text is used in an intellectual act of folding together thoughts from situational aesthetics, vital materialism and a philosophy of mingled bodies – into a relational and processual ontology, which overcomes the subject-object divide, highlights the transcendence of self and promotes receptivity to the dynamic and open-ended character of the world. The mundanity of clothing clutter is used to develop an approach of designing with care. The metaphor of the fold is part of the composition of the argument.

TIME

11:00–12:30

DATE

Monday June 3

LOCATION

F102, Väre

CHAIR

Martín Ávila

## [S] Iron while Still Damp

Julia Valle-Noronha, *Aalto University, Finland*  
Marina Valle-Noronha, *Aalto University, Finland*

This exploratory paper looks into the relationship between people and the things they wear through the lenses of care and domestic labour. More specifically it addresses the practice of ironing and what it can offer to such relationships. The work collects data from wearers via deployed kits – containing a shirt and a diary – and a group discussion on the wearer-worn engagements. The results show that while little academic focus is given to domestic labour, ironing emerges as a practice that can share understanding of what lies behind the visibility of garments. It suggests that designers and researchers invest in further exploring the practice of ironing as a valuable space for design.

## [S] Caring with Others – Cultivating and revaluing as forms of everyday designing

Melisa Duque, *Monash University, Australia*  
Laura Popplow, *University of Art and Design Linz, Austria*

In this paper we reflect on the notion of caring with in design research by discussing processes of cultivating and revaluing. Cultivating as a form of caring with other species. Revaluing as a form of caring with unwanted things. Both are addressed as everyday designing, ongoing liminal processes that have regenerative potential to revalue and care for/with dirty matters.

# Care in/for diverse contexts

## [F] Design for Care in the Peripheries: Arts-based research as an empowering process with communities

Satu Miettinen, *University of Lapland, Finland*  
Melanie Sarantou, *University of Lapland, Finland*  
Essi Kuure, *University of Lapland, Finland*

Arts-based research (ABR), its potential for participation and collaboration, can create insights and understanding of complex societal structures. It can also be used as an approach to find mindful solutions with peripheral communities. The paper argues that ABR, supported by practical collaborative processes, can offer suitable approaches to design for care by including local stakeholders in community-led development processes. This paper presents a Life Story Mandala tool that enables researchers and art and design practitioners to manage complex societal development processes in a globalised world (Bonsiepe 2006). The tool was developed during two global research cycles in South Australia and Finnish Lapland. The goal was to contribute to the development of fair and equal possibilities in everyday life through self-expression. The paper illustrates the practical implementation of a theoretical framework to analyse two case studies in which ABR was employed as an approach to design for care in the peripheries.

TIME  
14:00–15:30

DATE  
Monday June 3

LOCATION  
Hall B, Undergraduate Centre

CHAIR  
Sissel Olander



[F] Zoepolis: Non-anthropocentric design as an experiment in multi-species care

Monika Rosińska, *School of Form, Poland*

Agata Szydłowska, *Academy of Fine Arts in Warsaw, Poland*

The paper provides an introductory discussion and a curatorial case study on design practice that contributes to a constitution of a human and nonhuman community as well as challenges and expands the notion of care to other species. It starts with an examination of existing approaches to design that take into consideration relations between humans and non-humans. Departing from a critique of discussed perspectives we then introduce a concept of zoepolis based on theories of Will Kymlicka and Sue Donaldson, Donna Haraway, Joanna Bednarek and Bruno Latour. In the second part of the article we discuss the exhibition “Zoepolis. Design for Plants and Animals” we have curated as an experiment in creating a multi-species community in which material environment and objects were seen as mediators between species and facilitators of cohabitation.

[S] Caring for Diversity in Co-Design with Young Immigrants

Dagny Stuedahl, *Oslo Metropolitan University, Norway*

Henry Mainsah, *Oslo Metropolitan University, Norway*

This exploratory paper will ask questions about how we as co-designers and humanitarian designers engage with the outside and will especially be concerned with dialogues, interaction and knowledge production with young immigrants in co-design processes. We also will ask how we connect the questions arising from the histories of societies that participants bring into the co-design situation, how our practice and co-design understanding can handle cases where we cannot really grasp the complexity when religious, ethnical, personal and political experiences build the ground for collaborations. This becomes especially important in situations where complexity may ruin the co-design process and the dialogue between the participants and stakeholders may be shut down.

# Ecologies and care

## [F] Three Ecologies Diffracted: Intersectionality for ecological caring

Martín Ávila, *Konstfack, Sweden*

This essay commemorates the 30th anniversary of the publication of Félix Guattari's *The Three Ecologies*. It does so by proposing a 'diffractive' reading of the book, suggesting latent potential in each of the overlapping "ecologies" that conformed the ecosophy sketched by Guattari. There are mainly two aspects of *The Three Ecologies* addressed in this essay. Firstly, the understanding of the general frame of the interrelation of the three ecologies as an "intersectional" approach. Secondly, the understanding of this form of intersectionality as a possible platform to acknowledge other-than human 'intersections'. Through the essay I exemplify with one of my own design projects to help situating the claims and the questions raised. Finally, I propose a multimodal explorative framework of the three ecologies to explicitly articulate human and other-than-human beings inter and intra-relatedness.

TIME  
14:00–15:30

DATE  
Monday June 3

LOCATION  
F101, Väre

CHAIR  
Ann Light

[S] Ecofeminist Understandings of Care and Design for Sustainability Transitions: Towards a theoretical framework of work for the degrowth movement

Eeva Houtbeckers, *Aalto University, Finland*  
İdil Gaziulusoy, *Aalto University, Finland*

The starting point of this paper is a recognition of the need for transitions to sustainability. This exploratory paper is a stepping stone for development of a theoretical framework for ways of imagining and acting upon ecofeminist degrowth futures based on design for sustainability transitions (DFST). The aim of the framework is to conceptualise the role paid and un(der)paid work in and for such transitions. In this paper, we bring together previous research of design for sustainability DFST, degrowth, and ecofeminist understandings of care as gendered work. With references to the multi-level perspective of system innovations, DFST investigates the niche socio-cultural practices and technologies to develop and analyse design scenarios for alternative futures using participatory approaches. Degrowth as a civic movement that challenges the continuous economic growth as a policy making goal, converges with DFST in its holistic understanding of a need for systemic change. Recent discussions in degrowth have called for taking into consideration questions of care, power, gender, class, ethnicity and inter-species interactions, which are at times overlooked in analyses. In order to do so, we draw upon ecofeminist philosophy, which highlights how the (mis)treatment of women is attached to the (mis)treatment of non-human/more-than-human nature.

[F] Reparative Practices: Invitations from mundane urban ecologies

Emmy Laura Perez Fjalland, *Roskilde University, Denmark*  
Kristine Samson, *Roskilde University, Denmark*

The paper proposes a reparative turn in co-design towards an attention and sensitivity to more-than-human world-making practices in our urban environments. The notion of 'reparative' hold strings with the reparative system that an organism starts when damage is experienced. Thinking-with this biological, cultural and performatively, we propose the reparative as the starting point for learning to notice life-giving potentialities in the Anthropocene. Reparative practices are ethical and political in the sense that we are searching for life-giving practices that can move us beyond design practices in the Anthropocene. Hence, by bringing attention to environmental enchantments related to sensory everyday practices we propose that designers and citizens alike can initiate reparative futures.

# Caring for design identities and roles

## [F] Identities Shaped by Creative (Design) Journeys

Stephen Awoniyi, *Texas State University, United States*

The current paper presents an exploration of creating or making. We interviewed several makers of creative work, using a creative piece each had made as a conversation core. Their descriptions of making journeys marked out coupling of processes and outcomes. Comanaging both structural components involved temporally-delimited stages of actional and conceptual unfolding. Doing and thinking, however, also sketched an outline of a personality at a moment in time. These were all fluid transactions. Based on accounts of making journeys which circumscribed person-work amalgamations, we described a dispersion of markers across a dispositional field negotiated by creators. The creative operation can be conceived as a journey. Makers can be seen as travellers, their inventive journey shaping fluid identities.

TIME  
14:00–15:30

DATE  
Monday June 3

LOCATION  
F102, Väre

CHAIR  
Jung-Joo Lee

## [S] Research Experiences beyond the Comfort Zone

Juan Sanin, *RMIT University, Australia*

The intersection between design and care is shaping new design fields that are both promising and challenging. Design for health-care is one of these fields: it brings opportunities for improving people's experience of care through design research, but it takes designers out of their comfort zone. Scholars have reported success doing design for healthcare, but not much has been said about challenges, failures or confrontations found in this field. This paper argues that we should care more about discomforting aspects of design research to get a better understanding of what designing together involves. It presents a case of care (in)action and employs a personal approach to discuss challenges and confrontations that I faced doing research at the intersection of design, care and health.

## [S] Designing Care and Commoning into a Code of Conduct

Cindy Kohtala, *Aalto University, Finland*  
Jedediah Walls, *Jedediah Walls, United States*  
We-Left Collective, *International*

Despite claims to being counterculture and a better alternative, grassroots activist design groups and free culture movements may replicate the marginalizing behaviours of dominant society, also in their governance and designs of their interaction platforms. We developed a code-of-conduct, or Community Guidelines, for our online commons-oriented group to nurture a sense of a caring and mutually responsible community. The guidelines aim to bring into online interaction the living person-to-person dialogic relationality we exhibit in collaborative work offline. Our social learning process could have implications for designing healthier online community protocols and platforms and be able to better tackle the challenges of intersectionality.

# Materialities and care

[F]

## Towards Sustainable Textile Materials: Potential pathways and dialogues between disciplines

Pirjo Kääriäinen, *Aalto University, Finland*  
Kirsi Niinimäki, *Aalto University, Finland*

The need to take care of our material environment has become urgent. New types of scientific collaboration have emerged, and designers are being invited to collaborate with top-level scientists. Several examples have shown that the creativity of designers can be brought into different kinds of scientific collaboration to enhance existing approaches and ways of working. This study investigates various design-science collaborations in the context of material research, all aiming to create sustainable textile materials. The empirical basis of this study consists of five material research and development projects. Our data identified five different approaches to materials; Transforming, Reinventing, Recycling, Biofabrication and Designing new materials. We investigate the projects to understand not only the approaches to producing sustainable textile materials, but also to map the differences in the scientific dialogues. By opening up these dialogues, this paper describes how knowledge can be build between disciplines.

TIME  
09:00–10:30

DATE  
Tuesday June 4

LOCATION  
Hall B, Undergraduate Centre

CHAIR  
Maarit Mäkelä



## [F] How Can We Come to Care in and Through Design?

Li Jönsson, *Malmö University, Sweden*

Ann Light, *Malmö University, Sweden/University of Sussex, United Kingdom*

Kristina Lindström, *Malmö University, Sweden*

Åsa Ståhl, *Linnaeus University, Sweden*

Mathilda Tham, *Linnaeus University, Sweden / Goldsmiths University of London, United Kingdom*

On a generic level, caring can be described as “everything that we do to maintain, continue, and repair our ‘world’ so that we can live in it as well as possible” (Fisher and Tronto, 1990). This paper asks how we as design researchers in Scandinavia come to care, for our world and more specifically for the local NORDES community. We do this by describing how we have maintained, continued and added (as a practice of repair) in relation to the most recent NORDES summer school (2018). The summer school invited students to work with tensions between despair, in a site marked and haunted (Tsing et al., 2017) by the aftermath of industrial design practices and hope, by making time for soil (Puig de la Bellacasa, 2017) in a community-supported agricultural scheme. The paper invites you to share some cruxes and insights that emerged, and to imagine teaching with care as a collective process that attempts to bring things together, not as oppositions, but as generative and productive relations.

## [F] Taking Care of Plastic: Discursive jewellery and anthropogenic debris

Synne Skjulstad, *Kristiania University College, Norway*

Tons of plastic waste pile up in our oceans by the minute. This paper discusses a jewellery design project where anthropogenic debris takes centre stage. The project investigates how marine plastic trash literally may be turned into treasures through approaches that transverse design, craft and communication design. The main design material are plastic pieces selected from the shores of Norwegian fiords. Each piece of plastic selected for jewellery is treated as precious. Care is thus a concept that frames this jewellery design project as it both connects to the micro and macro perspectives on plastic. The jewellery is relating aesthetic exploration of tiny fragments of marine plastic waste to global issues of plastic (mis)use – and management. These tiny objects carry histories of our recent past, as well as the story of the earth yet to be written. Caring for these tiny fragments of human presence in nature is thus a material and embodied means for expressing the urgent need for taking better care of the ocean.

# Caring for pasts and futures

## [S] (Un)Curating the City: Participatory design and urban heritage

Mela Zuljevic, *Hasselt University, Belgium*  
Liesbeth Huybrechts, *Hasselt University, Belgium*

This article explores the relations between participatory design (PD) and critical heritage studies (CHS) in the context of urban planning and development. In searching for a PD approach which can critically address the role of heritage in urban development, it problematizes the focus on economic viability in urban renewal practices and the lack of care for socio-political values and challenges. The article searches for a PD framework that could support alternative regimes of care, via the notion of design space as the terrain for selection, articulation and curation of values. This framework will be outlined by reflecting on a case study related to a historic industrial area in Leuven, Belgium.

TIME  
09:00–10:30

DATE  
Tuesday June 4

LOCATION  
F101, Väre

CHAIR  
Henry Mainsah

[F] **Advanced Resilient Practices:  
Demythologizing design heritage**

Fahrettin Ersin Alaca, *Kadir Has University, Turkey*  
David Muñoz Alcántara, *Aalto University, Finland*

This paper presents an international research, exhibition and forum project that has been developing since 2016. The project aims to demythologize design's consumerist Utopias and sectoral hierarchies as a series of temporary artistic and design interventions. By socio-historical analysis of politics of design, the project involves blurring the borders between exhibition, archival display, and action research. This involves pushing forward Pratt's "contact zone" as a technological site of embodied advanced practice of design critique together with the exercise of dissent foregrounding ecology of practices.

The present paper focuses on the project's methods and research outcome concerning the case of Finnish design and its post-war mythologization. With a method of revealing the precise emergence of sectoral myths, the project represents how consumers and designers who foster modes of resistance to ruling privileges and hierarchies, can be provided with care.

[F] **Who Cares? ...But first, what is the  
who, and what is care?**

Ian Coxon, *Charles Sturt University, Australia*  
Craig Bremner, *Charles Sturt University, Australia*

What is Care? A word, a concept or a myth? In this paper we explore some of the key formulations of Care that should be considered if Care is to become instrumentalised in design. Primarily, we revisit that meaning of Care which could be of most value to design. After all, Care, at least to some, is the essence of what it means to be human. The goal of this paper is to prompt reconsideration of the many differing notions of Care and to stop for a moment to investigate one formulation of Care that contributes a way of clearly addressing the who in Who Cares? (WE human beings) and through this; to establish an alternative platform for 'response-ible' future design; design that is based on Care, centred in Care and fundamentally is Care in action. We ask, Who Cares? ...all people do, but how might design care?

# Politics and ethics of care

## [F] Who Cares about Those Who Care? Design and technologies of power in Swedish elder care

Camilla Andersson, *Aalto University, Finland*  
Ramia Mazé, *Aalto University, Finland*  
Anna Isaksson, *Halmstad University, Sweden*

Design is increasingly recognized as an instrument of power. We explore power in the context of the Swedish welfare state and care institutions, which are undergoing political and structural reconfiguration as new technologies are introduced. Our aim is to better understand the effects of designed technologies within care institution and over care workers. Through our research, we have identified deviances, or gaps, between institutional policies and daily working practices, in which workers must cope within a grey zone of legality. Against this backdrop, we bring together and discuss concepts from philosopher Michel Foucault and sociologist Dorothy Smith in order to frame issues of power relevant to design. We elaborate upon these issues through a discussion of our project set in Swedish elder care institutions. Three ‘research through (critical) design’ examples illustrate ways and extents to which power is exerted over care workers. We discuss effects upon their subjectivity, including how their knowledge and agency can risk being ignored or overruled. Ultimately, we argue for design research to examine and articulate the (powerful) role of design in such contexts. We see this as a form of ‘De-Scripton’ and active ‘mapping’ that can open up for wider debate and reconfigurations of power.

TIME  
11:00–12:30

DATE  
Tuesday June 4

LOCATION  
Hall B, Undergraduate Centre

CHAIR  
Guy Julier

[F] **Health Cultures: Designing healthcare infrastructures as urban interfaces for society participation**

Liesbeth Huybrechts, *Hasselt University, Belgium*  
 Katrien Dreessen, *Luca School of Arts, Belgium*  
 Irma Földényi, *Studio Irma Földényi, The Netherlands*  
 Daniela Dossi, *Daniela Dossi, The Netherlands*

This paper – based on the participatory design research project ‘Health Cultures, Healthcare and Multiculturalism’ – reflects on how we can redesign healthcare infrastructures as urban interfaces for citizens from different cultural backgrounds to participate more actively in society. The project investigates the health care systems and institutions of care in action, and how they develop within the context of a growing multicultural society and the declining welfare state. Via a design anthropological research in different health-related contexts within the city of Genk (Belgium), wherein 54% of the inhabitants come from foreign descent, we studied how these environments function as interfaces for inhabitants’ societal participation and how design can contribute. Based on these findings, we created a tool that supports a critical public debate on the changing role of healthcare in society participation. We also designed future scenarios for healthcare infrastructures as urban interfaces that mediate between more diverse ‘Health Cultures’.

[S] **Broadening Horizons of Design Ethics? Importing concepts from applied anthropology**

Johanna Ylipulli, *University of Helsinki, Finland*  
 Aale Luusua, *University of Oulu, Finland*

This paper is a thought experiment: we explore how certain ethical considerations of applied anthropology might contribute to the evolving body of work on design ethics. To begin to consider ethical analogies between these two fields, we first align them on a conceptual level by scrutinizing how they both change relationships. Further, we introduce three central concepts and related debates of applied anthropology that could supplement discussions on contemporary design ethics: beneficence, collaborative approach and advocacy. The authors are specialized in (design) anthropology, architecture and human-computer interaction (HCI); in this paper, we draw from our respective fields and backgrounds.

# Caring for material systems

## [F] Waste, so What? A reflection on waste and the role of designers in a circular economy

Holly McQuillan, *Högskolan i Borås, Sweden*

This paper discusses research currently being undertaken which addresses the interrelated volume, value and cost of waste and the responsibility designers have in its creation. The paper begins by outlining the contemporary waste problem (in the fashion industry). Then utilising observations made during recent field tests – where waste reduction and elimination strategies were applied to existing designs – the impact that explicit and implicit design hierarchies and complexity have on waste minimisation attempts are discussed. Questions such as: is waste a problem in the context of proposed Circular Economy models? After all, if we have a Circular Economy, then any waste we make can be put back into the cycle. So, will the CE let designers (and industry) off the hook? Lastly, I speculate as to what a fashion industry without waste might look like, discussing my design response to the issues raised.

TIME  
11:00–12:30

DATE  
Tuesday June 4

LOCATION  
F101, Väre

CHAIR  
Andrew Morrison



[S]

## Design for Sustainable Entangled Human-Nature Systems

Emīlija Veselova, *Aalto University, Finland*

Humanity must rapidly transition towards sustainable futures. Reaching planetary sustainability requires care for nature and radical transformation of human-made systems. Human and natural systems co-exist in extensive, complex, multi-layered entanglement. Design for sustainability and, ultimately, all design, will need to be transformed towards design for sustainable entangled human-nature systems. This paper outlines six developments to support this transformation. It suggests that all design projects must (1) be viewed as interlinked to human-nature systems and their sustainability, (2) include natural systems and entities as key stakeholders, and (3) include transdisciplinary perspectives on the entangled systems and sustainability. Moreover, design could adopt the connectedness with nature (CWN) concept from environmental psychology and (4) set high CWN score as competence for designers, and (5) an additional entrance criterion for design schools. Finally, (6) design should redefine its socio-cultural concepts and theory to increase care about and design for sustainable entangled human-nature systems.

[S]

## Testimonial Digital Textiles: Material metaphors to think with care about reconciliation with four memory sewing circles in Colombia

Jaime Patarroyo, *Universidad de Los Andes, Colombia*

Laura Cortés-Rico, *Universidad Militar Nueva Granada, Colombia*

Eliana Sánchez-Aldana, *Universidad de Los Andes, Colombia*

Tania Pérez-Bustos, *Universidad Nacional de Colombia, Colombia*

Nasif Rincón, *Universidad de Los Andes, Colombia*

Research on textile crafting offers an opportunity to investigate reconciliation in a context that brings together every day practice, the realities of the conflict, the possibility of healing, and the rebuilding of social fabric. In this exploratory paper we deploy a methodological design which contributes to think about reconciliation with care through the practice of textile crafting in four memory sewing circles, integrated mostly by elderly women in different Colombian municipalities. This design implies the prototyping of a set of technologies that integrate digital components to various handcrafted textiles with the ability to digitally embody reconciliation in the selected sites, and also contribute to the interconnection between these sites. Specifically, the project is oriented towards the collaborative design of textile-digital objects, as testimonial digital textiles which allow research to be conducted in the Colombian context.

# Caring in/for other contexts

[F]

## Why Care about Virtual Landscapes? Immersive open world gaming related to positive health

Paul A. Roncken, *Wageningen University & Research, The Netherlands*

For some reason many people enjoy, spend long hours and pay for being out on virtual fields, playing an avatar that needs to hunt, prey, hide, survive and interact with all kinds of programmed entities and online players. Surely the designers and programmers deserve praise for their efforts and achievements in yearly progress on more detailed and increasingly immersive virtual experiences. But does that suffice to care about virtual landscapes other than classifying them as artificial places for fun and diversion? In this paper I will make a first attempt to relate virtual landscape experiences to accumulated insights in environmental psychology and theories on landscape aesthetics. My aim is to argue convincingly that open world gaming in virtual landscapes contribute to positive health, additionally to and perhaps even equal to real outdoor alternatives. I will also present a descriptive framework to describe the designerly elements present in one specific example of a recent open world game: Red Dead Redemption II (Rockstar 2018).

TIME  
11:00–12:30

DATE  
Tuesday June 4

LOCATION  
F102, Väre

CHAIR  
Mathilda Tham

## [F] What Matters when Turning Utopias into Material

Philip Hector, *Aalto University, Finland*  
Mikko Jalas, *Aalto University, Finland*

With an increasing number of open laboratories for cultural and technical experimentation in place, questions arise regarding how and with what effects they come about, what they mean to those who partake and how they organize themselves in order to satisfy those involved. Recognizing the way that these spaces reach of alternative technologies and alternative ways of being we conceptualize them as materialized utopias, which are fragile socio-material arrangements. Rather than articulating grand utopian or ecotopian alternative societies, we look at materialized utopias as the gradual tweaking, probing and fixing of things. We elaborate on this with the study of “Test Site” a campus-based open space for experimentation in Helsinki designing with matters such as soap, compost or wood. We show that the thriving of this space is dependent on partly coincidental alignment with the institutional context and purposeful misunderstandings. However, its hybrid character being open to different interpretations does not only help to spur momentum but by the same token also leads to tensions internally as well as externally. Materialized utopias are then bound to be compromised, but in the best case scenario, turn unproductive anxieties into productive care taking of the socio-material surroundings. As the site is in the making, materials and events function as checkpoints and create legitimacy.

## [S] Design for the Age of Species – Exploring ways for designers to care for multispecies coexistence

Petra Lilja, *Konstfack, Sweden*

This paper presents the project The Age of Species (TAS) and the ‘multispecies approach’ addressing the who in care with the aim to disrupt human-centeredness and open up for reconfigurations of design practices to better engage with troubled presents where a myriad of other species is overlooked and becoming extinct. TAS invites designers and scientists to speculate of and design for anthropo-de-centric futures by thinking through care and coexistence. By describing and reflecting on the experiences of an initial workshop and its outcomes as well as anchoring it with theories within feminist posthumanism, the aim is to explore and define the notion of a multispecies approach. The purpose is to raise questions to be developed in the continuation of the project TAS and share insights that may contribute to a wider discourse of human de-centering design.

# Considering care in design

TIME  
13:00–15:00

DATE  
Tuesday June 4

LOCATION  
Hall B, Undergraduate Centre

CHAIR  
Andrea Botero

[F] Navigating Care in Social Design:  
A provisional model

Eva Knutz, *University of Southern Denmark, Denmark*  
Thomas Markussen, *University of Southern Denmark, Denmark*  
Tau Lenskjold, *University of Southern Denmark, Denmark*

The aim of this paper is to show how the value of social design lies in the approach’s ability as a caring practice to foster change for vulnerable groups in society. Yet, to achieve such change, social designers must have a navigational tool that allows them to identify and steer through some of the value conflicts that are typically involved in public service care provision. To substantiate this claim, we rapport from two recent social design projects in the public sector dealing with care within criminal justice and healthcare. Building on these two projects we propose a provisional model for navigating care throughout a social design research process in accordance with an organizational level, a professional practice level and an interpersonal level.

[F] **Empathy in a Technology-Driven Design Process: Designing for users without a voice of their own**

Elina Ilen, *Aalto University, Finland*

Camilla Groth, *Aalto University, Finland / University of*

*Gothenburg, Sweden / University of South-Eastern Norway, Norway*

Markus Ahola, *Aalto University, Finland*

Kirsi Niinimäki, *Aalto University, Finland*

Smart textiles are often developed in sports-oriented contexts through technology-driven processes. In the medical context, practitioners themselves also invent and develop technological aids in response to needs that emerge in practice. In these cases, novel technology may be the first driver for design to secure functionality and reliability, but our study shows that these processes benefit from human-centric and empathic design approaches. The project develops smart textiles for infants with medical adversities, such as preterm birth, neonatal infections, or birth asphyxia, collaboratively with medical researchers. Our pilot research illuminates the need to use the interest group's empathic understanding as a starting point for design, as the user of the garments does not yet have a voice of their own. In this paper, we develop the argument for empathic design in a technology-driven design process in the medical context.

[F] **Caring Design Experiments in the Aftermath**

Kristina Lindström, *Malmö University, Sweden*

Åsa Ståhl, *Linnaeus University, Sweden*

We live in the aftermath of industrial design, which primarily has been guided by a focus on making the new. Through the project Un/Making Soil Communities, carried out where glass production has left pollution in the soil, the authors propose caring design experiments which aim to foster maintenance and repair for livable worlds. In this articulation, the authors draw on democratic design experiments (Binder et al 2015), but propose a shift from gathering around matters-of-concern (Latour 2005) to matters-of-care (Puig de la Bellacasa 2017). Furthermore, caring design experiments also entail engaging with big enough stories (Haraway 2016) through going visiting and continuously crafting invitations.

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DATE  
Monday–Tuesday 3–4 June

LOCATION  
2nd floor Lobby, Undergraduate Centre

CHAIRS  
Lily Díaz-Kommonen, Synne Skjulstad and Danielle Wilde

## Resistance Movements: Combating infection risk in veterinary practice through visualization methods

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## Our Burden – Carbon dioxide theatre for climate action

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## Who Cares (and in What Ways) in a Nursing Home?

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## Who Cares for Public Transit in Middleton, Connecticut? An act of care: (re)assembling the archive

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# Workshops

## Norm-Critique in Practice: Haptic and tactile design methods in the notion of care

Hanna Af Ekström, *HDK Academy of Design and Crafts*  
*Göteborg University, Sweden*  
Cristine Sundbom, *Usify, Sweden*

We acknowledge that all participants have different knowledges, understandings, and capabilities. Subjective experiences through our bodily senses can be a central tool for understanding our environment and situations. We suggest that by using haptic and tactile design methods in a workshop setting, we aim to challenge normative ways of understanding and to interpret architectural and design sketches, visualizations and models. By providing alternative ways to understand a workshop material within participatory methods, does not only make the workshop experience more accessible for participants who are not used to interpret architectural sketches. It also provides better accessibility for people with visual impairments and cognitive disabilities, and, it also stretches the interpretation in general by questioning the visual and hearing norm.

CONTACT  
hanna.af.ekstrom@hdk.gu.se

DATE  
Sunday 2 June

TIME  
12:00–17:00

LOCATION  
Learning Centre  
Corresponding room for each workshop  
will be guided upon registration.

CHAIRS  
Sune Klok Gudiksen, Karen Marie Hasling,  
Heidi Pietarinen and Virpi Roto

TIME  
12:00–14:00

## Service Design Meets User Experience Design – Clash or marriage?

Virpi Roto, *Aalto University, Finland*

Jung-Joo Lee, *National University of Singapore, Singapore*

Effie Law, *University of Leicester, United Kingdom*

Are you working with Service Design? UX design? Perhaps Both? Do you CARE about current unclarities between the two fields and setting some future directions together? This workshop will be the venue for you then!

With the rises of UX design and Service Design, we've seen overlaps between the two, at the same time some arguments against each other. Digitalization drives Service Design towards digital services; UX research is moving its focus from a single digital product to a holistic system. However, the two communities have been surprisingly apart. In this workshop, we will explore intersections of UX design and Service Design, discussing similarities and differences in terms of theories, methodologies and practices, as well as the directions for future research.

### CONTACT

hanna.af.ekstrom@hdk.gu.se

TIME

12:00–17:00

## Caring for or with Public Things – Mapping possible roles of designing as democratic practice

Laura Popplow, *University of Art and Design Linz, Austria*

Melisa Duque, *Monash University, Australia*

Paola Pierri, *University of the Arts London, United Kingdom*

This workshop invites participants to map issues of caring with “public things” (Honig 2017). We invite you to bring a public thing (or a souvenir of it) to the workshop. Together, we will materially map answers and individual perspectives on public things, and open the field for further discussion. We will use the notion of public things in three possible notions: 1) as things to assemble a public around, 2) as affective things that invite different practices of care, and 3) as necessary non-human participants we care with (not only for) in the formation of publics. We are a multi-disciplinary group of design researchers and will be sharing our own experience and perspectives from public participation.

### CONTACT

<https://designpublicthings.wordpress.com>

TIME

13:00–17:00

## On the Move: Designing for nomadic welfare

Stefan Holmlid, *Linköping University, Sweden*  
Vanessa Rodrigues, *Linköping University, Sweden*  
Johan Blomkvist, *Linköping University, Sweden*

“When you move a lot, you constantly ask yourself, ‘Where am I?’”  
“I have different ‘settings’ in different cities.”

The present era has seen an unprecedented rise in the movement of people across the world. This workshop will focus on the contrast between nomadic and settled, how these concepts manifest in systems and places, and the impact and consequence of mobility on systems of care and welfare. We invite participants from any discipline and varied backgrounds to share their observations, experiences, and insights, with the aim of developing an initial framework for designing with nomadic perspectives.

CONTACT  
stefan.holmlid@liu.se

TIME  
13:00–17:00

## Stories of Health Workshop: Mapping care through probes

Miya Osaki, *Diagram, United States*  
Tina Park, *Diagram, United States*

Join us for a hands-on experience interpreting and analyzing cultural probes – a human-centered research method. In health-care, people face a complicated landscape when caring for their health. Journey mapping cultural probes encourage self-reflection to uncover motivations for decision-making through storytelling unlike traditional question/answer research. Making people the protagonists in their health supports sense-making and sense-giving and provides new ways to improve outcomes and care.

What’s your story of health? In this workshop, attendees will have the opportunity to experience a probe activity. Attendees visualize their own “Story of Health” using delightfully designed materials. Maps are anonymously exchanged, reviewed, and embodied by attendees to build empathy. Outputs are analyzed to uncover learnings and value for stakeholders and communities.

CONTACT  
<http://diagramoffice.com/nordes2019>

TIME  
13:00–17:00

## Care-Oke: A silly-serious design joke

Mathilda Tham, *Linnaeus University, Sweden /*

*Goldsmiths University of London, United Kingdom*

Hannah Jones, *D.School Stanford University, United States*

Sara Hyltén-Cavallius, *Linnaeus University, Sweden*

Anette Lundebye, *Regents University London, United Kingdom*

Julia Lockheart, *University of Wales Trinity, United Kingdom*

This workshop offers care-oke, a singing orchestra of care, as a design method and ritual to simultaneously manifest and probe care of self, care of others, care of community, care of matters of care in collaboration. We argue that such silly-serious approaches have an important role to play in injecting vulnerability, social risk-taking, feminist ways of knowing into complex change work addressing complex global challenges. Participants will experience coming together in care-oke, and reflecting on what singing as caring can mean for design cultures and collaborations.

### CONTACT

mathilda.tham@lnu.se

### TIME

14:30–17:00

# Doctoral Consortium

Creativity in Transition Design:  
Can designers go 'beyond' to create positive  
socio-cultural experiences?

Britta Boyer, *Loughborough University, United Kingdom*  
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Acknowledging Cultural Sustainability in  
Sustainable Design

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Our Everyday Forms

Myriam D. Diatta, *Monash University, Australia*  
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When Spaces of Care Become Spaces of  
Obscured Violence at the Borders

Angeliki Dimaki-Adolfson, *University of Gothenburg, Sweden*  
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Soft Impact of Smart Technologies in the Home

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Retro for Whom? – The meaning of 50s  
identity for local centers in Stockholm suburbs

Maryam Fanni, *HDK Academy of Crafts and Design, Sweden*  
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DATE  
Sunday 2 June

TIME  
09:30–17:00

LOCATION  
Learning Centre

CHAIRS  
Jacob Buur, Looe Broms, İdil Gaziulusoy and Eija Timonen

## Living in Loops, Part One:

### Recirculating activities

Sara Gottschalk, *Linnaeus University, Sweden*

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## Which Worlds Are Held Together with Care?

Sarah Pennington, *Goldsmiths University of London, United Kingdom*

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## The Performative Space of a Smartphone

Marika Hedemyr, *Malmö University, Sweden*

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## How Do We Care for the Quality of Play?

Jess Uhre Rahbek, *Design School Kolding, Denmark*

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## Care to Share, Share the Care

Sara Hyltén-Cavallius, *Linnaeus University, Sweden*

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## Non-Anthropocentric Design: From thinking the other to a human love

Erik Sandelin, *Konstfack, Sweden / KTH Royal Institute of Technology, Sweden*

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## Arrival Infrastructures: Spatial practices of Bulgarian Roma in Berlin

Anna Kokalanova, *University of the Arts Berlin, Germany*

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## Theoretical and Methodological Framework for Involving Natural Entities as Stakeholders in Collaborative Design Processes

Emilija Veselova, *Aalto University, Finland*

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## Cultivating Caring Coexistence: How to design anthropo-de-centric futures?

Petra Lilja, *Konstfack, Sweden*

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## Transformative Speculation of Life Form and Style – Ecological object oriented design

Yue Zou, *The Oslo School of Architecture and Design, Norway*

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## Caring for the Common and Caring in Common: Towards an expanded architecture/design practice

Katharina Moebus, *Sheffield University, United Kingdom;*

Melissa Harrison, *National Technical University of Athens, Greece*

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## Conference at the Aalto University Otaniemi Campus, 2—4 June 2019

NORDES 2019 is hosted at Aalto University's campus in Espoo, Finland. The campus includes historical buildings designed by Alvar Aalto, including the Undergraduate Centre and Learning Centre, historical landmarks that have been recently renovated, and the spectacular new premises of Aalto School of Arts, Design and Architecture, Väre. More about the campus from perspectives of heritage, sustainability, and entrepreneurship are online [[www.aalto.fi/campus](http://www.aalto.fi/campus)].

### How to Get There:

The campus is located in the city of Espoo and it is easily accessible from Helsinki city centre via Metro [about 20 minutes]. The metro station's name is Aalto University.

### CONFERENCE VENUES

Harald Herlin Learning Centre ADDRESS: *Otaniementie 9*

Undergraduate Centre ADDRESS: *Otakaari 1F*

Väre ADDRESS: *Otaniementie 14*

### OTHER VENUES TO EXPLORE

Dipoli ADDRESS: *Otakaari 24*

Aalto Design Factory ADDRESS: *Betonimiehenkuja 5C*

Laajalahti Nature Reserve [10 minutes walking distance from the conference venues]

[see map on page 106–107]



PHOTOGRAPH: MIKKO RASKINEN

## Conference Dinner at Hanaholmen 3 June 2019

Our seaside dinner venue Hanaholmen is located on its own island on the border between Espoo and Helsinki municipalities, about 4 km from the Aalto University campus and conference venue. The mission of Hanaholmen is to convey the benefits of Finnish–Swedish cooperation and to strengthen the Finns’ belonging to the Nordic family. Echoing the conference theme, the values and mission of Hanaholmen are peace, security and inclusion; culture, knowledge and education; sustainable welfare. The attractive building features many Nordic design details.

### How to Get There:

Shuttle bus will be running between the Aalto campus and Hanaholmen on 3 June. If you wish to come by yourself, Metro is available [Koivusaari station and walk approximately 1 km].



PHOTOGRAPH: ROBERT LINDSTRÖM

WEBSITE  
[www.hanaholmen.fi](http://www.hanaholmen.fi)

DATE  
3 June

TIME  
19:00

ADDRESS  
Hanasaarenranta 5



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Robynn McPherson  
Pauliina Nykänen  
*Our design discipline is changing and times can be unstable. Our work together on this project allowed us to reflect on the ways in which we can reshape our own practice around values of the common(s), solidarity, care, co-operation, mutuality and interdependence.*

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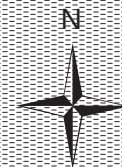






# Conference Venues

- 1 Harald Herlin Learning Centre ADDRESS: *Otaniementie 9*
- 2 Undergraduate Centre ADDRESS: *Otakaari 1F*
- 3 Väre ADDRESS: *Otaniementie 14*



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