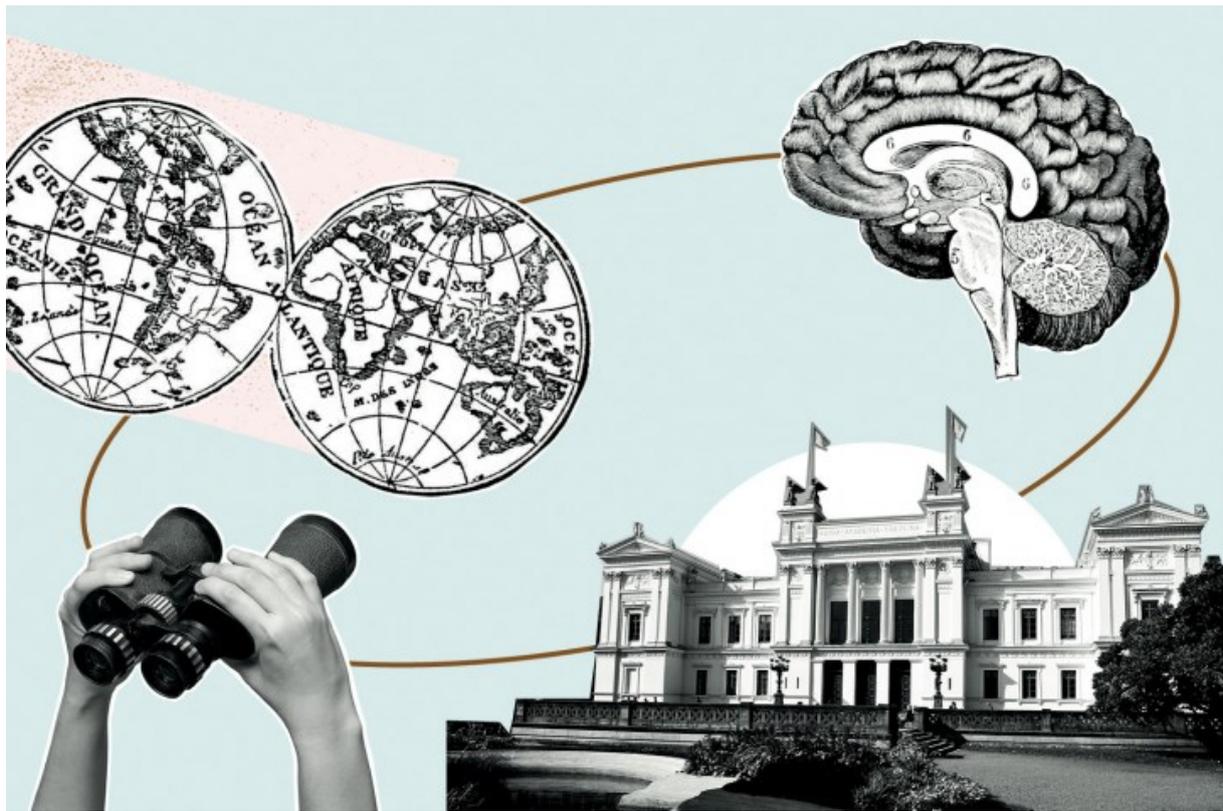


Matchmaking contributions



Knowledge for Sustainable Development

– Lund University Research Conference

4 May 2021 | Sustainability Week in Lund 2021



LUND
UNIVERSITY

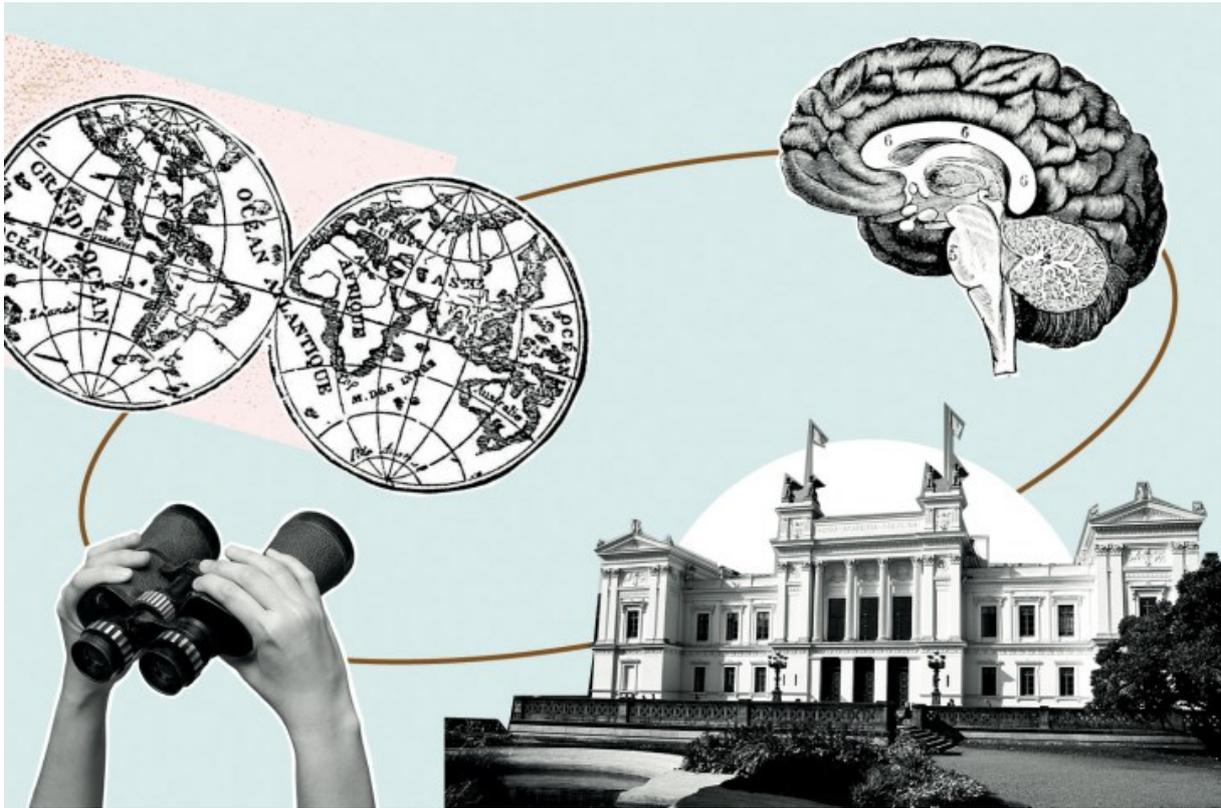
Content

1. Theme I: Knowledge on crisis and resilience in the sustainability context
2. Theme II: Knowledge on communicating uncertainty and ambiguity in sustainability research
3. Theme III: Knowledge about justice and equity in a sustainable world
4. Theme IV: Future Calls



LUND
UNIVERSITY

Matchmaking contributions



1. Theme I:

Knowledge on crisis and resilience in the sustainability context



LUND
UNIVERSITY

Research Conference on Sustainable Development 2021

Are we solving the right problem? – prototyping as a way for deeper understand of wicked problems – a call for cross-disciplinary collaboration

Presenting researcher: *Jessica Lagerstedt Wadin, Innovation engineering, Design Sciences, LTH*

Key words: *wicked problems, deep problem understanding, human centred design, prototyping, design thinking*

Theme: Theme I

Email address: *Jessica.wadin@design.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

I hereby call for cross-disciplinary research collaboration, using prototyping and narratives from different disciplines for deeper problem understanding of wicked problems.

Short abstract

We are often told to bring solutions – not problems! When we believe we have solved a problem, the problem, however, often still remain, or appear in a different shape, or we end up with more questions than answers, meaning that problems are often more complex than presented from the beginning. The trouble is, we don't spend enough time understanding the actual problem. In fact, we are so eager to solve problems, that we easily fall into the trap of looking for solutions, meaning we end up solving the wrong problem. Design Thinking is a process for innovation, which offers a human-centric approach to understand complex problems (Brown, 2009), providing support for deeper problem understanding. Prototyping is a well-known method to test and learn about possible solutions, and to build capacity for rapid experimentation and rethink the role of failure (Thomke, 2001), used within Design Thinking. In the PhD course, "Innovation and value creation in research", I have observed that prototyping is powerful tool, not only to learn about possible solutions, but also for understanding wicked problems.

Matchmaking



Research Conference on Sustainable Development 2021

Challenges and Opportunities to a Sustainable Bioenergy System in Sweden

Presenting researcher: *Dr Jagdeep Singh, Researcher at Centre for Environmental and Climate Research (CEC), Faculty of Sciences*

Key words: *Bioenergy, Agriculture, Biofuels,*

Theme: *Theme 1*

Email address: jagdeep.singh@cec.lu.se

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

The aim of this presentation is to look for experts or collaborators who are willing to support the ongoing research activities within the Land4Biomass project at CEC.

Short abstract

The Land4Biomass project focuses on investigating challenges and opportunities associated with deriving biomass from agricultural land in Sweden for bioenergy purposes and mitigating climate change. These societal needs demand newer functions from the existing socio-economic sectors, e.g., agriculture and energy etc.

This transdisciplinary project involves learning from a variety of actors or stakeholders in the bioenergy production and consumption system. This grassroot level knowledge and experiences helps in understanding the diverse societal needs from the socio-economic systems and how these can be fulfilled in a sustainable way. We are contacting a variety of stakeholders such as individual farmers, farmers' association, municipalities, policy makers, consumers and energy suppliers.

Matchmaking

Research Conference on Sustainable Development 2021



Climate change and health impact assessment

Presenting researcher: *Anna Oudin, Medical Faculty*

Partner(s), if applicable: *Ebba Malmqvist, Medical Faculty*

Key words: *sustainable cities, active transport, sedentary transport, health impact assessment, healthy cities*

Theme: *Theme I*

Email address: *anna.oudin@med.lu.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

To enable a shift towards a transport-efficient society.

Short abstract

Title: Swedish Initiative in Transport: Cities focusing on climate and Health (SWITCH).

Cities have been designed to primarily accommodate vehicles throughout the twentieth century. In the twenty-first century, however, our aim should be to create cities for people. Setting vehicles aside in spatial planning reduces noise, heat islands and air pollution and allow space for active transport and green public spaces.

We aim to identify positive examples to create a new narrative, and possibilities and challenges in adopting them. The importance of adopting them will be estimated by providing true societal gains (i.e., reduced number of children suffering from asthma). Finally we will close the gap and make it happen by innovative communication tools; back-casting workshops, urban stakeholder walks and creating visionary examples.

This will be done by an interdisciplinary research team closely collaborating with a cross-sectorial stakeholder team. Bold shifts are happening with 15-minute cities in Paris, 20-minute cities in Australia, Superblocks in Barcelona, or car to bike infrastructure replacement in Berlin, London, Milano, and Paris. It is time to figure out what works in Sweden, motivate change, and speed up the transportation shift. It is time for SWITCH.

Matchmaking

Research Conference on Sustainable Development 2021



Exploration focused learning for resilient and antifragile systems

Presenting author: *Patric Nordbeck, Lund University*

Key words: *resilience, exploration, resilience, antifragility, complex systems*

Theme: *Theme I*

Email address: *patric.nordbeck@psy.lu.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Discuss potential connections between exploration focused learning and building stronger systems.

Methodology

Exploration focused learning is the process of teaching ways of exploring for solutions with the end-goal of encouraging creativity in the ways in which we search. Our current societal-institutional structures are solution focused, but this creates fragile systems because it teaches specific solutions to particular problems. When a perturbation arrives or as context continuously changes in our everyday lives, we fail because the solutions were too specialized.

Key results/conclusions

A resilient, or better: an antifragile, system is one that can maintain stability and flexibility, adapt, and become a stronger system. Exploration focused learning provides both a stable framework for that to occur in, and also a method that provides flexibility to find a solution that fits the current situation.

Matchmaking

Research Conference on Sustainable Development 2021



A human rights-based approach to evacuation and managed retreat in Sweden

Presenting researcher: *Matthew Scott, Raoul Wallenberg Institute of Human Rights and Humanitarian Law*

Key words: *3-5 keywords Human rights, managed retreat, evacuation, disaster, climate change*

Theme: *Theme 1*

Email address: *provide presenting author email address matthew.scott@rwi.lu.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

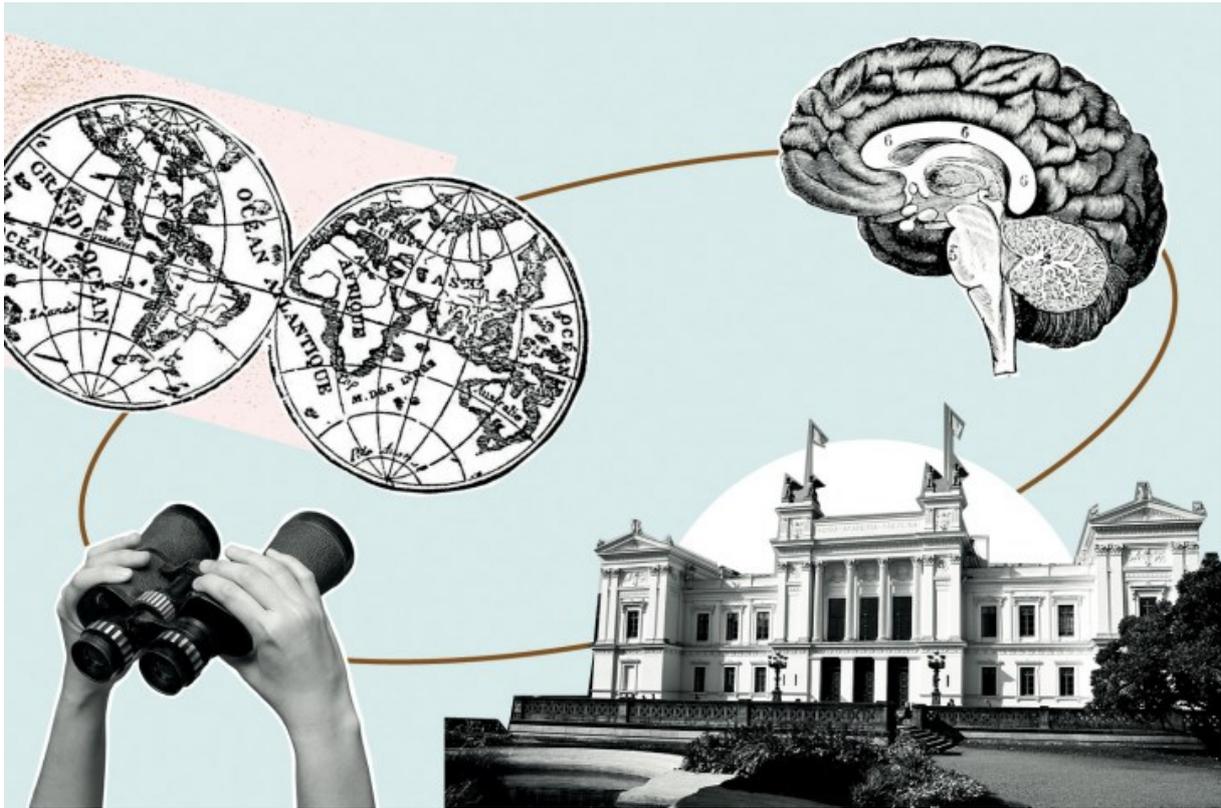
A short description of the aim of the presentation, e.g. are you looking for collaborators or experts from another field, do you need input on a new idea or a research project application, etc.

The aim is to identify others working on issues relating to managed retreat and evacuation for the purposes of sharing perspectives and potential collaboration on research project applications.

Short abstract

The Sendai Framework for Disaster Risk Reduction, the Paris Agreement, and Agenda 2030 all call for initiatives relating to disaster risk reduction, climate change, and sustainable development to adopt a human rights-based approach. As Sweden is firmly committed to this post-2015 development agenda, and is world leading on achieving the Sustainable Development Goals, how authorities at national and subnational levels integrate human rights principles into law, policy, and practice warrants consideration. Two areas where this approach is particularly relevant concern evacuation in the context of wildfires, and managed retreat in the context of sea level rise. Very limited academic research has been conducted that explores evacuation and managed retreat in a Swedish context, and none of this research adopts an expressly human rights-based approach. However, evacuations were conducted in the context of 2014 and 2018 wildfires, and managed retreat is being considered in multiple regions of the country. Drawing on insights from research and technical cooperation in Asia and the Pacific, the research initiative aims for better understanding of *how* human rights is integrated into these specific areas of law, policy, and practice in Sweden, and hopes that such insights can contribute to wider regional and international discussions.

Matchmaking contributions



2. Theme II:

Knowledge on communicating uncertainty and ambiguity in sustainability research



LUND
UNIVERSITY

Matchmaking

Research Conference on Sustainable Development 2021



Design as knowledge building process for navigating uncertainty and friction towards sustainability

Presenting researcher(s): *Despina Christoforidou, LUSID Lund University School of Industrial Design, Claus-Christian Eckhardt, LUSID Lund University School of Industrial Design*
External partners: *IDEO, IKEA, NASA/University of Houston, SONY, UNOPS*

Key words: *design as knowledge building process, navigating uncertainty and friction, collaboration, sustainability*

Theme: *Theme II*

Email address: despina.christoforidou@design.lth.se; claus-christian.eckhardt@design.lth.se

Consent: *The presenting author(s) are acting on behalf and with consent of all authors of this contribution.*

Aim

The aim of the presentation is to identify partners for collaborations.

Short abstract

We explore design as a knowledge building process, how we can apply our design competence and more specifically the ability to navigate uncertainty and friction through the design process, and co-create open-ended briefs to address complex challenges. In doing so, we aim to come to terms with where design needs to be and what collaborations are required in order to be able to do our share as relevant partners in moving towards sustainable alternatives on all levels.

We revisit the design projects with a sustainability theme conducted at LUSID during the last decade and map the guiding briefs and the design processes applied. Thereby commonalities and differences in relation to the viability of the outcome and any collaborations involved, are established.

We conceptualize and revise our professional practice and contribution as designers, and outline how we can create the relevant and viable collaborations that need to take place in order to address the complex and uncertain challenges that we are faced with, on our path towards a truly sustainable future.

New OK/DC version

We explore design as a knowledge creating process, and how the ability to navigate uncertainty and friction through the design process can be applied. In doing so, we aim to examine where design needs to go and what collaborations are required in order to be able to contribute as relevant partners in moving the Earth/societies towards a sustainable future.

We will revisit the design projects with a sustainability focus conducted at LUSID during the last twenty years and map the guiding briefs and the design principles applied.

The result will be a thematic overview of the design projects covered and how they relate to different sectors of society. Based on this information, we can establish a network of partners from the private and public sectors that we can collaborate with on how to transform society towards sustainability.

Matchmaking

Research Conference on Sustainable Development 2021



Environmental performance index as a sustainable development goals achievements indicator .case study in Iraq

Presenting author: *Mohamed A.Najemalden , ministry of environment Iraq-Kirkuk*

Co-author: *Prof. Sameer Algburi , Director of Swedish Iraqi Studies Network*

Key words: *environmental performance index, SDGs, sustainable land use, ambient air quality, Iraq*

Theme: *Theme II*

Email address: sameer.algburi@cme.lu.se, mohamednajemalden@yahoo.com

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

This research aim to use environmental performance index as a tool to examine to how extent that Iraqi government policies achieved in regarding application of SDGs linked to environment

Short abstract

The Study was done to evaluate the rank of Iraq in environmental performance index EPI and to Linke between EPI and SDGs especially the goals that linked to environment issues which will estimate how extent Iraqi polices succeed in applied SDGs

The results showed that Iraq government policies don't make a progress in achieving SDGs that linked directly to environmental issues as Iraq lies in the last tail of ranking in EPI list of states.

Matchmaking

Research Conference on Sustainable Development 2021



Exploring Existential Sustainability: an interdisciplinary perspective

Presenting researcher: *Fil.dr Magali Ljungar-Chapelon, research coordinator, Department of Design Sciences; Supervisor and examiner at the Malmö Academy of Music*

Partner(s), if applicable: *Christian Skovbjerg Jensen, Director Inter Arts Center.*

Key words: *Existence, Sustainability, readiness, unforeseen, holistic, interdisciplinary, cultural perspective*

Theme: *Theme II*

Email address: *Magali.ljungar-Chapelon@design.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

The aim of the presentation is to look for interested researchers, teachers and experts from various fields to develop ideas for interdisciplinary courses, seminars and/or for a common research project application exploring the concept of existential sustainability from an interdisciplinary perspective.

Short abstract

Etymologically, the word *Existence* means 'come into being' i.e., to stand forth, arise. It also encompasses the notions of continuation, subsistence, survival, sustainability of life. Education and research that develop a readiness for the unforeseen have an existential dimension. It is about widening the human horizon of knowledge, making ideas come to light through the creation of things (theories, systems, artefacts, art) that contribute to the meaningfulness and sustainability of life. University teachers and researchers have to encourage students to develop an open mood and critical mind so as to be able to meet unexpected situations, tackle complexity and build ramparts against destructive phenomena by being aware of the distinction between special interests and a holistic societal perspective. Subject-specific knowledge provides a valuable basis for goal-oriented training in a delimited sector of society. However, segmented knowledge is not sufficient to develop a more comprehensive form of existential sustainability, an encounter with the world that bridges and includes human experiences in intertwined sectors of society (cultural, political, economic...). To address existential sustainability at both educational and research levels, in an interdisciplinary approach based on a broad cultural perspective may reveal unexplored paths towards new horizons of knowledge.

Matchmaking

Research Conference on Sustainable Development 2021



Digitalisation: helping or hindering sustainable consumption?

Presenting researcher: *Matthias Lehner, International Institute for Industrial Environmental Economics (IIIEE)*

Partners: *Jessika Luth Richter, Oksana Mont, IIIEE*

Key words: *digitalisation, sustainability, consumption, environmental impacts, social impacts*

Theme: *Theme II*

Email address: *Matthias.lehner@iiiee.lu.se*

Consent: *The presenting author is acting on behalf and with consent of all authors of this contribution.*

Aim

We are looking for collaborators and potential synergies with other research projects and welcome input on this research idea.

Short abstract

Many business and policymakers have highlighted the importance of the digitalisation trend for sustainable consumption. Digitalisation promises to deliver superior consumption experiences through drastically reduced transaction costs and increased knowledge of consumer behaviour. However, concerns have been raised about privacy issues, potential negative environmental and social impacts and the use of “dark patterns” to influence consumer choices in the interests of companies. We are studying how digitalisation influences consumption, the potential positive or negative sustainability impacts and conditions that affect it. We are interested in exploring synergies with others working with or interested in this topic.

Matchmaking

Research Conference on Sustainable Development 2021



Environments supporting sustainable mobility during dark hours

Presenting author: *Johan Rahm, Dept. of Architecture and Built Environment, Faculty of Engineering, Lund University*

Co-author: *Katarina Hennig, Dept. of Architecture and Built Environment, Faculty of Engineering, Lund University*

Maria Johansson, Dept. of Architecture and Built Environment, Faculty of Engineering, Lund University

Anna Litsmark, Dept. of Architecture and Built Environment, Faculty of Engineering, Lund University

Pimkamol Mattsson, Dept. of Architecture and Built Environment, Faculty of Engineering, Lund University

Key words: *Mobility, Lighting, Accessibility, Vulnerable groups*

Theme: *Knowledge on crises and resilience in the sustainability context*

Email address: *johan.rahm@arkitektur.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Sustainable mobility in vulnerable groups - taking daylight and after dark conditions into consideration.

Methodology

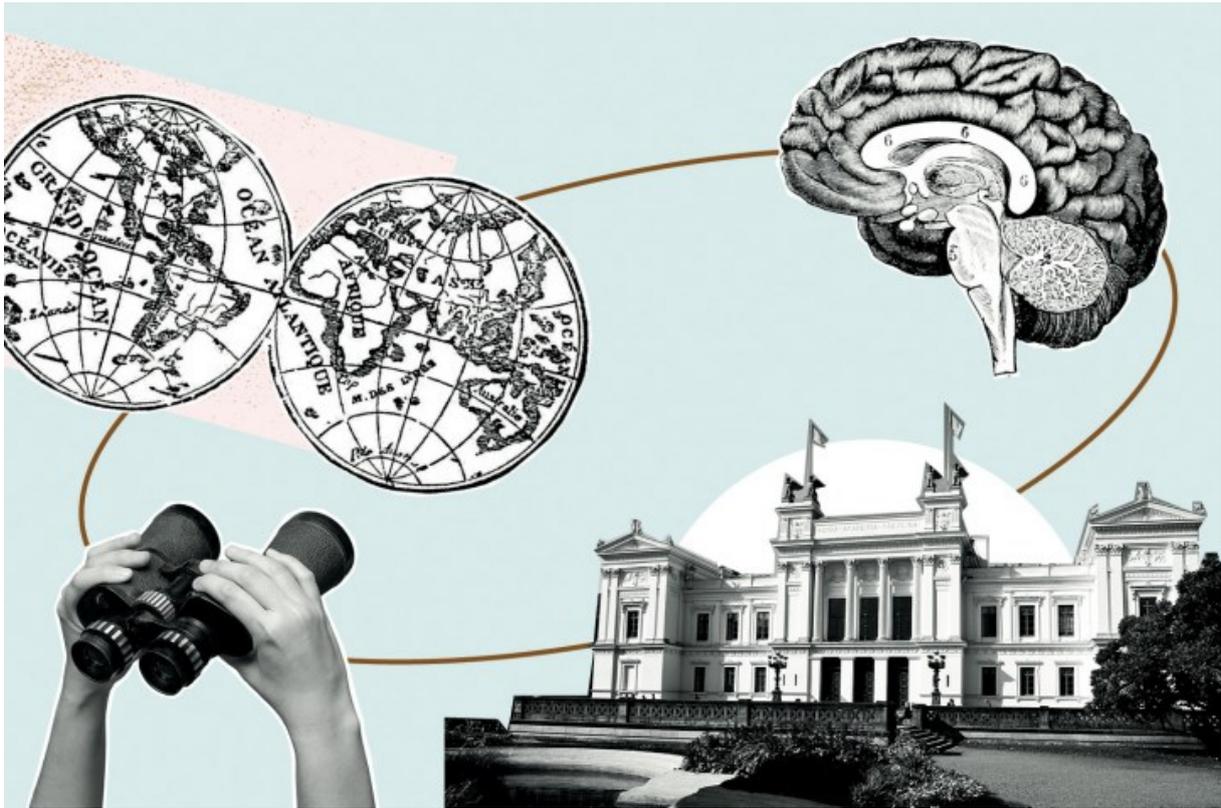
Cities should be accessible for all citizens including vulnerable groups. Opportunities for independent mobility have broad implications for well-being, by affecting physical, psychological, social, and economic parameters. Despite efforts to improve the design of the built environment to support walking and cycling, there is still limited recognition of the diversity of people's ages and abilities. Environments suitable for children tend to work also for others, which is why children's needs should be central to development towards sustainable urban environments.

Environmental psychology pursues several research projects, taking a mixed methods approach, aiming to understand the needs and experiences of different groups of pedestrians and cyclists, and how to design urban environments that facilitate independent mobility in vulnerable groups. A special emphasis is placed on how energy-efficient artificial outdoor lighting could be implemented to support all citizens.

Conclusions

Several studies stress the importance of considering human aspects of energy-efficient lighting, revealing that people's perception, evaluation and behavioral responses to urban design features, and in particular outdoor lighting, determine how well environments support sustainable mobility after dark.

Matchmaking contributions



3. Theme III:

Knowledge about justice and equity in a sustainable world



LUND
UNIVERSITY

Matchmaking

Research Conference on Sustainable Development 2021



Climate change and health impact assessment

Presenting researcher: *Ebba Malmqvist, Medical Faculty*

Partner(s), if applicable: *Anna Oudin, Medical Faculty*

Key words: *climate change, health impact assessment, uncertainty*

Theme: *Theme III*

Email address: *ebba.malmqvist@med.lu.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

This project aims at assessing the health effects related to climate change.

Short abstract

Health Impact Assessment (HIA) has been identified as a valuable and systematic tool for quantifying the health impact of climate change. In addition to the uncertain climate conditions in the future, assessment of the potential health impacts of climate change introduces other uncertainties and it is likely that many assessments of health consequences will span more than one order of magnitude. Further, beyond the threshold for discernible effects, many of the projected trends – in climate and health effects – will not be linear (Steffen et al. 2018). This creates challenges for the interpretation of effects. Could a LU multi-disciplinary overcome some limitations?

Matchmaking event contribution

Research Conference on Sustainable Development 2021



Sustainable transformation through universal design

Presenting researcher: *Charlotte Magnusson, Certec, Department of Design Sciences*

Key words: *universal design, sustainability, diversity, inclusion*

Theme: *Theme 3*

Email address: *charlotte.magnusson@certec.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Interested in creating a project where universal design for sustainable transformation is explored.

Short abstract

Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs (Brundtland report). Universal design (UD) is design usable by all people, to the greatest extent possible, without the need for adaptation or specialized design. UD has potential as an important tool when it comes to the transformation towards a sustainable, diverse and inclusive society. UD shares the goals of "inclusion", "access" and "participation" with "social sustainable development". The importance of UD is recognised in policy documents, legislation and standards, but research to establish knowledge and methods for how to implement and evaluate universal design for sustainability is needed. Building on research projects on procurement, interaction design, health/rehabilitation, city planning, policy and inclusive work environments we identify the core themes equality, non-stigmatisation, flexibility and diversity. We believe UD has potential as a useful tool in the sustainability toolbox and want to further explore how these themes can be incorporated into methods and processes for sustainable transformation.

Matchmaking

Research Conference on Sustainable Development 2021



Climate change induced water insecurity. A focus on WASH and gender adaptation strategies

Presenting researcher: *Martina Angela Caretta, Human Geography Department*

Partner(s), if applicable: *Sara Gabrielsson, LUCSUS*

Key words: *gender, water security, WASH, climate change adaptation*

Theme: *Theme III*

Email address: martina_angela.caretta@keg.lu.se

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

We are looking for collaborators across Lund University focusing on issues of water, gender and climate change adaptation, particularly in the context of WaSH (Water, Sanitation and Hygiene) with the medium term goal of putting together a project application.

Short abstract

Water insecurity is highly gendered as a result of socially-defined roles and responsibilities associated with domestic and productive uses of water. Given the increased literature focused on the intersection between gender and adaptation, we assessed this literature through the lens of water security in urban and peri-urban contexts.

Grounded on a rapid review, we show that, while demonstrable evidence-based interlinkages exist between adaptation and women's empowerment, many of these interlinkages appear to be based on fragile, highly localized data, with a significant gap in evidence for many SDG5 and SDG6 indicators. Despite clear benefits to women, water-related adaptation strategies often fail to include a gender lens.

This results in two types of challenges. First, adaptation strategies can result in negative impacts on women, undermining the Sustainable Development Goals on Gender Equity (SDG5) and Ensuring WaSH for All (SDG6). Second, women in different contexts are adopting strategies that may start out as a short-term response, but in the absence of gender mainstreaming and human capacity development, these behaviours become maladaptive strategies with negative impacts on women and young girls. These findings are identified across drinking water access, sanitation access, and disaster risk reduction interventions. Diversity in race, socio-economic status, age, and ability fundamentally shape women's experiences and access to adaptation. While a concerted emphasis on local water security as well as combined gender and climate mainstreaming in the water and WaSH sector is crucial to bring about systemic change, comparative transnational systematic studies are still few.

Matchmaking

Research Conference on Sustainable Development 2021



Putting Gender Equality back in and on Agenda 2030; Lean in – or ZOOM© out? – About Gender Inequality in the Nordics

Presenting researcher: *Ilse Svensson de Jong, LTH, Innovation*

Partner(s), if applicable: *Izabelle Bäckström*

Key words: *social sustainability, innovation, diversity*

Theme: *Theme III*

Email address: *ilse.svensson_de_jong@design.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Looking for research funding and opportunities for a project about social sustainability, gender inequality and diversity as a key component in innovation in organizations in Nordic countries.

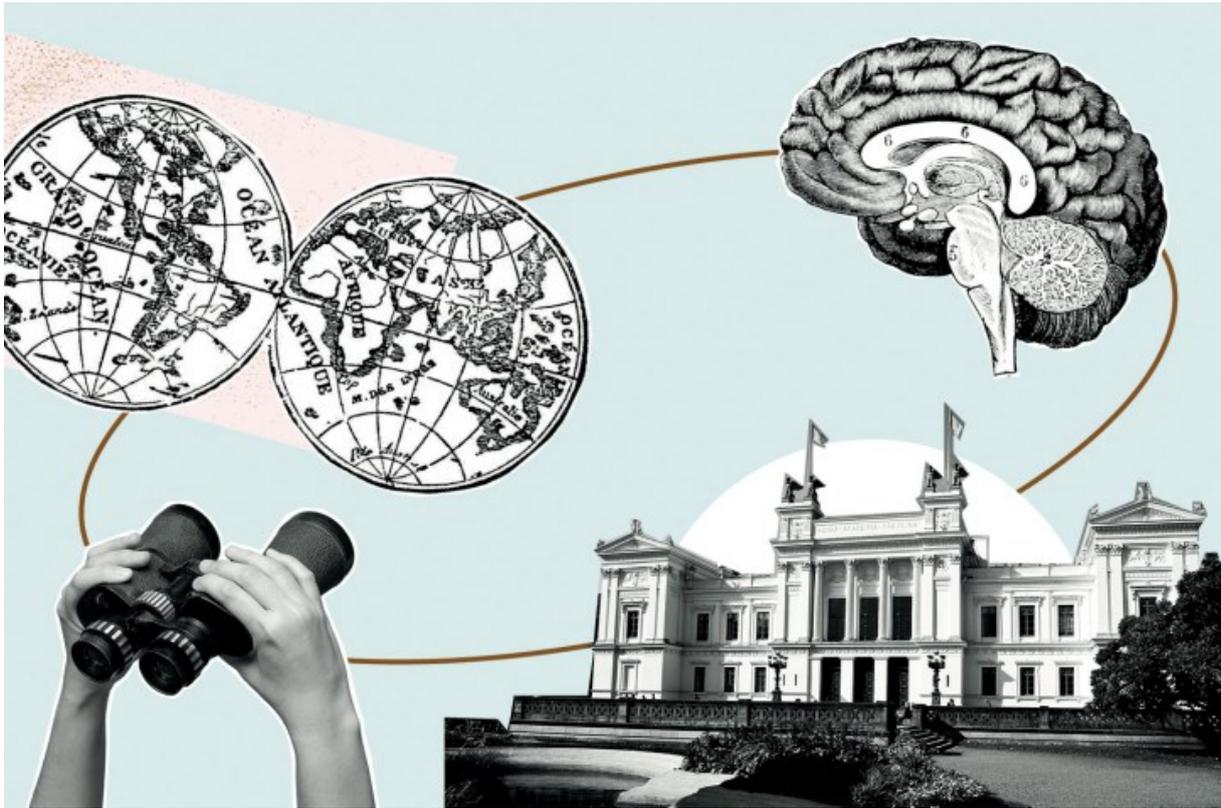
Short abstract

The true source of sustainable innovation lies in diversity.

Latest reviews on the progress on Agenda 2030 at Lund University seems to be lacking an important discussion, how do we keep on track when it comes to the gender inequality issues as part of Agenda 2030. Instead of wishful thinking, this challenging research will put diversity, social cohesion and gender equality back on the sustainability agenda and back on Agenda 2030. Why does KTH have a professor dedicated to these issues but has LTH not prioritized it? Why is gender not a discussion on sustainability.lu.se? This and many other questions show a lack of integration of these kinds of issues are at the heart of truly a sustainable future. This research aims to uncover the linkages between Agenda 2030, innovation, sustainability and gender equality. The latest report of the Allbright commissionⁱ shows the significance of this research; a lot has been done, but most of the job [in gender equality] is left.

ⁱ Latest report Allbright commission; in Swedish. [MYCKET GJORT MEST KVAR 2021.pdf \(squarespace.com\)](https://www.squarespace.com)

Matchmaking contributions



4. Theme IV:

Future calls



LUND
UNIVERSITY

Matchmaking

Research Conference on Sustainable Development 2021



A circular economy in the building sector

Presenting researcher: *Ulla Janson, Building Services*

Partner(s), if applicable: *Dennis Johansson, BS Henrik Davidsson, EBD*

Key words: *Building industry, Waste, Circular*

Theme: *Theme III*

Email address: *ulla.janson@hvac.lth.se*

Consent: *Yes*

Aim

To enable a circular economy in the building sector, many questions need to be answered or are yet to be raised. We are looking for collaborators and experts that can contribute with their research to be able to move the building industry towards a circular economy.

Short abstract

Despite the high set environmental goals for the Swedish building industry, both the climate impact and generated waste is increasing (<https://www.boverket.se/sv/byggande/hallbart-byggande-och-forvaltning/miljoindikatorer---aktuell-status/>). By moving towards a circular economy and increase the reuse of materials, both these fundamental environmental targets are addressed. The interest is high within the building industry; however, many questions need to be answered to make circular economy everyday business. Therefore, a network of researchers at several different departments at Lund University has started to form a circular building industry team. By having many different competences our research will hopefully be able to answer questions raised by both the building industry, material producers and municipalities, but also questions of national and international interest.

Matchmaking

Research Conference on Sustainable Development 2021



Testing the Systematic Framework to Assess Social Impacts of Sharing Platforms

Presenting researcher: *Oksana Mont, International Institute for Industrial Environmental Economics (IIIEE) at Lund University*

Partner(s), if applicable: *Steven Curtis, IIIEE at Lund University*

Key words: *social sustainability, sharing platforms, trust, empowerment, social justice, and inclusivity*

Theme: *IV*

Email address: oksana.mont@iiiee.lu.se

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

We developed a first holistic research-based framework for assessing the social impacts of sharing platforms (Curtis and Mont 2020) and would like to operationalise it into a practical tool (online and app) and test it in practice with organisations, municipalities and investors.

Short abstract

We seek to find partners to operationalise the framework for assessing social impacts of sharing organisations into a tool and an app. The tool seeks to assess, benchmark and rank sharing platforms based on their social sustainability profile and to create a mechanism for making sharing platforms, and society in general, more sustainable. The framework and tool strengthen several of the Agenda 2030 goals, specifically Goal 8 - Decent work and economic growth; Goal 10 - Reduced inequalities; Goal 11 - Sustainable cities and communities, Goal 12 - Responsible consumption and production, and Goal 16 - Peace, justice and strong institutions. The 18 indicators in our framework correspond to many dimensions mentioned in the SDGs. Uniquely, the framework can be used so that only certain social aspects and corresponding indicators are assessed, adjusting to social impacts of relevance for specific actors and in specific contexts.

Matchmaking

Research Conference on Sustainable Development 2021



Future Sustainable Mental Healthcare – towards wellbeing and digital availability

Presenting researcher: *Ilse Svensson de Jong, LTH, Innovation*

Partner(s), if applicable: *Luisa (Louise) Lupa, LU, Social Work*

Key words: *social sustainability, innovation, diversity*

Theme: *Theme IV – Future calls*

Email address: *ilse.svensson_de_jong@design.lth.se*

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Looking for research funding and opportunities for a project about social sustainability after the Pandemic, promoting new ways of providing mental healthcare and making digital healthcare innovation available

Short abstract

The novel coronavirus (COVID-19) pandemic has created an unprecedented global health challenge. (Perrin et al. 2020) There is risk that the outbreak will create a “second pandemic” of mental health crises in health systems and communities. (Perrin et al. 2020) A sustainable future and attaining the goals on Agenda 2020 will imply that these upcoming mental health crises will need to be addressed. Several possible routes can be chosen to address these challenges such as: (a) attention to the psychological aspects of hospitalization for patients, families, and staff affected by COVID-19; (b) planning for emergency and acute psychiatric patient care if hospitals become overwhelmed with COVID-19 patients; and (c) innovations for providing mental health care in communities while social distancing is required, and health system resources are strained (Perrin et al. 2020). This research will address these challenges and wants to create a common point on the sustainability agenda (Agenda 2030) for mental health innovation that are digital and available.

Choi, Kristen R., et al. "A second pandemic: mental health spillover from the novel coronavirus (COVID-19)." *Journal of the American Psychiatric Nurses Association* 26.4 (2020): 340-343.

Matchmaking

Research Conference on Sustainable Development 2021



Beyond CSR and Triple Bottom Line: Is B-corps the new business model towards integration of sustainability governance?

Presenting researcher: *Ilse Svensson de Jong, LTH, Innovation*

Partner(s), if applicable: *Camilla Nyquist Magnusson, LTH, Design Sciences*

Key words: *sustainability governance, innovation*

Theme: *Theme IV - Future calls*

Email address: ilse.svensson_de_jong@design.lth.se

Consent: *The presenting author are acting on behalf and with consent of all authors of this contribution.*

Aim

Looking for research funding and opportunities for a project about B-corps

Short abstract

Has sustainability just become a paper exercise? We have seen a shift towards more sustainable business models in the Nordic countries, however, the transformation in the prevailing business models still seems to fail to incorporate social and environmental outcomes as an ingrained part of their governance. What is needed to take the next step beyond reporting in CSR and Triple Bottom Line (TBL)? How can research contribute to a sustaining effect on the value creation of sustainability long term?

One of the answers might lie in the introduction of B-corps as a new business model to the Nordic context. Social enterprise and ecopreneurships are two examples where sustainability reporting becomes operationalized and part of the business model. Another example, where CSR reporting is taken to the next level, is B-corps that attempt to align profit with social and environmental impact. However, B-corps as a business model has received little academic attention to date. Hence, this research wants to focus on B-corps as a way to govern sustainability beyond reporting in CSR and TBL in a Nordic context and study whether or not this type of governance has the power of business to solve social and environmental problems, thus constituting a critical addition to the sustainability entrepreneurial landscape.

Matchmaking event contribution

Research Conference on Sustainable Development 2021



Packaging for healthy food

Presenting researchers: *Katrin Molina-Besch & Giana Carli Lorenzini, Faculty of Engineering, Department of Design Sciences, Division of Packaging Logistics*

Key words: *Food, Health, Packaging*

Theme: *Theme IV Future Calls*

Email address: *katrin.molina-besch@plog.lth.se*

Consent: *The presenting author is acting on behalf and with consent of all authors of this contribution.*

Aim

The aim of the presentation is to find collaborators to develop a future research project that explores the topic of “packaging for healthy food” from multiple perspectives.

Short abstract

Sustainable development goal 2.1 addresses “*Universal access to safe and nutritious food*”. Packaging provides an important function in many food supply chains to keep food safe and nutritious during transport and storage. At the same time, both malnutrition and overweight are threatening human health in many parts of the world. Packaging is a topic that has been primarily studied from an engineering and marketing perspective. The question of how packaging should be designed and utilized to support healthy diets and access to safe and nutritious food in different contexts has not received much attention in the literature. Packaging technology and design have an impact on the quality of food and the food consumption patterns of people around the globe. The current environmental debate about replacing plastics packaging calls for research that takes an interdisciplinary approach related to how consumers perceive packed food, who gets access to packed food, and ultimately how packaging can contribute to healthy diets.