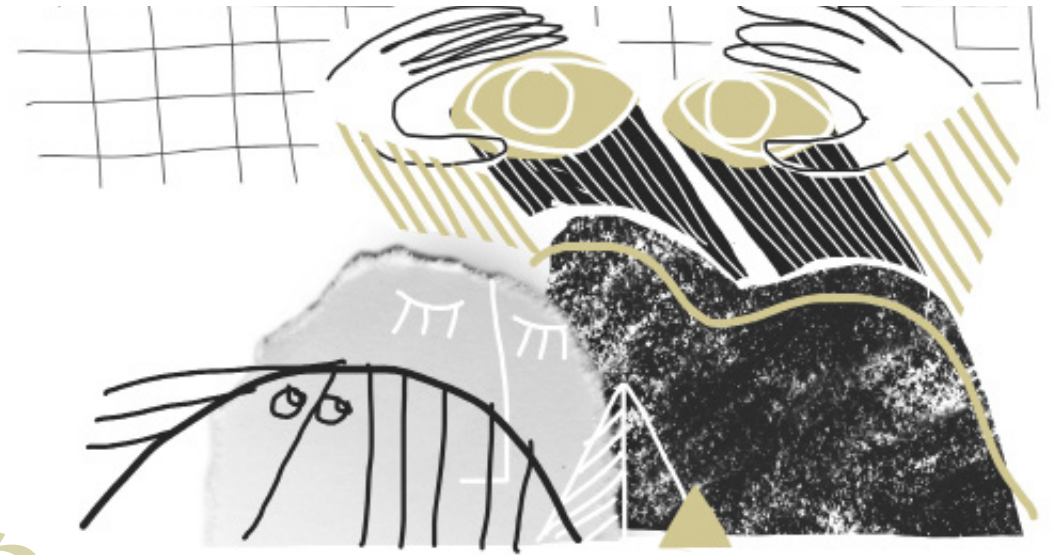


Transition -
Design -
Education

**programme with abstracts
6-7 May 2022, Prague**

Transition - Design - Education

About



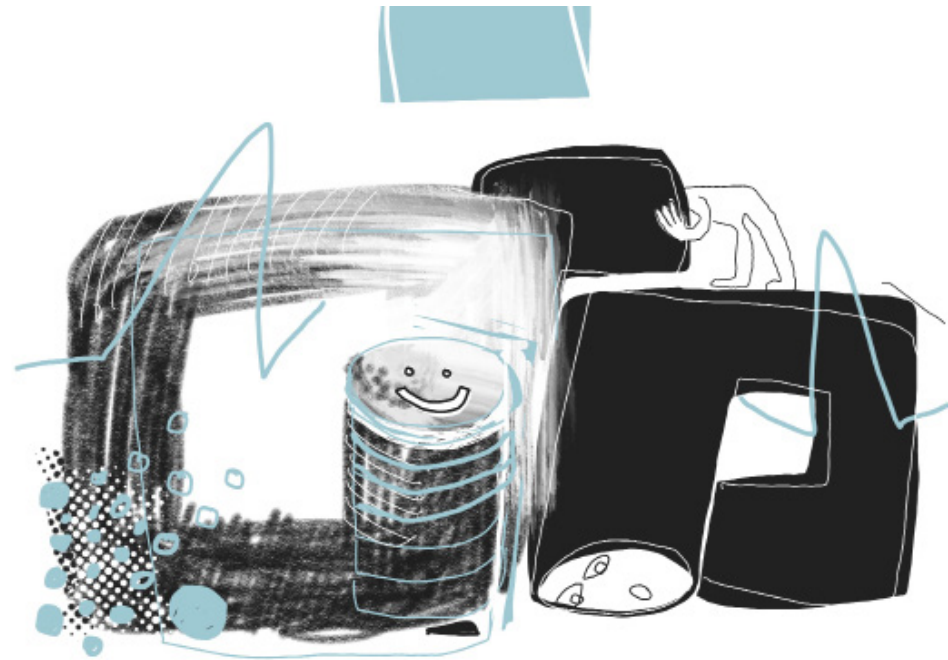
Climate change, widening gap between rich and poor, ageing population, planet devastation. How can we as designers think about the future socio-technological arrangements? And how do we embrace designing outside of the flawed system?

The first day will be dedicated to presentations and formal and informal discussions. It will be followed by practical workshops on the second day.

Transition Design is a new design approach that incorporates insights from service design or design for social innovation into its theory and practice and seeks to enrich it with a longer-term perspective and design reflexivity.

According to one of the founders of the concept, Terry Irwin, we are living in “transition times”, where today, in the face of climate change, poverty, planetary devastation or an ageing population, we have to come up with new solutions that are not bound by the ideology and discursivity of existing socio-economic systems.

C o n f e r e n c e



Friday May 6

Transition Design and Education

- 12:50 - 13:20 Alma Leora Culén and Nick Stevens
13:20- 13:50 Kate Milosavljevic
13:50 - 14:50 Students' presentations
coffee break

Transition Design in Practise

- 15:10 - 15:40 Matěj Malecha
15:40 - 16:10 Amela Karahasanović
16:10 - 16:40 Tereza Navarová
closing remarks

- 9:00 registration
10:00 opening remarks

Transition Design, Politics and Radical Design Theory

- 10:10 - 10:50 Dan Lockton
10:50 - 11:20 Terry Irwin
11:20 - 12:00 Klára Peloušková
lunch break

Transition Design, Politics and Radical Design Theory

Dan Lockton

Design and Imagination in Climate Futuring

Dan Lockton is currently an assistant professor in TU Eindhoven's Future Everyday group, Department of Industrial Design, with climate futures and design research methods as his focus. He also runs the Imaginaries Lab, an independent research-through-design studio.

Imagination is a fundamental part of design's role in societal transitions: how can design methods help people imagine, explore, and experience different futures, for themselves and society more widely? In this talk, Dan Lockton will explore how designers can help people, together, create and explore possible futures, imagine and experience new ways to live, and understand ourselves and the world around us better in an age of transitions (and crises) in climate, energy, health, and social inequalities.

Terry Irwin

Transition Design: Design for Systems-Level Change

Terry Irwin is a Director of the Transition Design Institute at Carnegie Mellon University. Along with Gideon Kossoff and Cameron Tonkinwise, she developed a new area of design study, practice and research Transition Design and integrated into programs and curricula at the School of Design in 2014.

In this talk, Terry will introduce a new area of transdisciplinary problem solving called Transition Design; an emerging approach for framing complex, wicked problems within radically large problem frames. Transition Design argues that wicked problem resolution is a strategy for igniting positive, systems-level change and transitioning our communities, organizations and entire societies toward more equitable, sustainable and desirable long-term futures.

Klára Peloušková

Designing a Transition: On the Political Multivalence of Change

Klára Peloušková is a methodologist and lecturer at the Department of Design and the Dept. of Theory and History of Art at UMPRUM. She also pursues her PhD there. Her research focuses on contemporary design theory and methodology with an emphasis on sustainability and civilizational transformation.

The lecture will focus on the notion of "transition" and its connotations within various discursive frameworks. Nowadays, the intuition that we live in "transitional times" resonates in both academia, social and environmental movements. Quite recently, this idea has been taken on by the design community as well. The talk will present various articulations of desirable transitional pathways and open up a discussion about their political, economic and philosophical implications.

Transition Design and Education

Kate Milosavljevic

Sustainability Starts with Teachers: Facilitating for Eco-literacy and Curriculum Reform Together with Vocational Teachers in Norway of Change

Kate Milosavljevic is an anthropologist working at the intersection of science and technology studies, life-long learning, and sustainability. Some of her research fields have concerned industrial beekeepers and manufactured landscapes, the Anthropocene or future-care technologies. Currently she is Associate Professor at OsloMet.

Norway has recently undergone a significant reform of the Education Act, with far reaching consequences for how sustainability is approached within the national curriculum. Updated in 2020, the Act now includes the obligation that the pupils and apprentices must learn to think critically and act ethically and with environmental awareness. They have joint responsibility and the right to participate in society. For this talk I'll look at some of the ways in which we work to shift individual mindsets, implement holistic sustainability agendas within schools, establish a new colleague of praxis and build resilience and changemaking capacities among secondary school teachers.

Alma Leora Culén, Nick Stevens **A Paradigm Change: Introducing Transition Design to Interaction Design Students**

Alma Leora Culén is a professor at the Department of Informatics, University of Oslo. Her research and teaching are within interaction and transition design, focusing on complex entanglements of digital technologies, everyday life, and creation of sustainable lifestyles.

Nick Stevens works and teaches across the fields of product and interaction design. He is currently undertaking a PhD at the University of Oslo exploring ways of designing and producing more sustainable, local, and bespoke physical-digital objects increase civic engagement.

A new proposal for design and design education is transition design, that incorporates transdisciplinarity and responsible education principles. This approach brings challenges of creating new teaching practices and finding novel pedagogical approaches that help provide a good learning environment for students. In this talk, we discuss our approach to teaching a newly established course in Transition Design at the University of Oslo that is currently in its third run. We point to opportunities and some challenges that we are experiencing, particularly concerning the shift in thinking and accepting a different paradigm, and a different point of view on design and designing.

Students' Presentations

The presentations are the result of two courses focused on teaching Transition Design both at Masaryk University and the University of Oslo. You can read about the projects on next two pages. The presenting students were selected by voting among themselves.

Students' Presentations

Natálie Káčová **Transitioning to an Empathic City**

Natálie Káčová is MA student in Information and Library Studies and Sociology at Masaryk University. She is interested in citizen participation in decision-making and currently works on her master's thesis focused on the role of design in envisioning rural futures.

In autumn 2021, students within Service Design Workshop, a course at the Department of Information and Library Studies MU, were encouraged to try a role of transition designers for the very first time. I will walk you through one of the students' projects devoted to the transition towards a more empathic city, while viewing urban nature as a key partner. I will also mention the takeaway and main the challenges along the way.

Erik Tobias Leirvik **Using Gamification to Teach Youth about E-waste**

Erik Tobias Leirvik is a 22 year old student from Oslo. He studies Informatics: Design, Use and Interaction at the University of Oslo. In addition to this he also works part-time as a developer.

Our project aims to use gamification to teach youth about e-waste. The goal is to inspire and engage social, economic, industrial and technological stakeholders towards sustainable change in behaviour. The project will be displayed as a part of an exhibition in Norway, but we hope that it may live on beyond the scope of the exhibition and start a broader conversation about e-waste amongst youth.

My Schultheiss **Let Us Lift the World Together**

My Schultheiss is currently in the last year studying for a bachelor's degree in Informatics: Design, Use and Interaction at the University of Oslo. My areas of interests include design for- and with users, handcrafting for slow fashion and sustainable innovation. I decided to apply for this bachelor's after working in a nursing home where I found that technological support and information systems seemed to be completely out of touch with user needs.

My team and I are working with the children's museum in Oslo to develop a transformative and interactive design exhibition to engage children and their families in serious subjects through games and play. Our project is focused on environmental changes, including positive feedback when the participants work together in teams to reach certain goals. We therefore decided to create a situation where one simply cannot carry out a game alone. The solution - *Let Us Lift the World Together!* - is using parachutes to send the globe (a ball) into the air between one or two teams as many times as possible.

Jens Christian Skovholt **Re-Link: Transitioning towards a Sustainable Relationship with Data**

Jens Christian Skovholt is a student at the University of Oslo. He is currently in final semester of his bachelor's degree in Informatics: Design, Use and Interaction, where he is engaged in the Re-Link project.

Today's regime of surveillance capitalism is not sustainable and is legally highly questionable. How can we empower people in order to combat this?

Transition Design in Practice

Amela Karahasanović **Technology for a Better Society**

Amela Karahasanović is a Chief Scientist at SINTEF and an Associate Professor at Department of Informatics, University of Oslo. Her expertise is in the area of human-computer interaction, innovation and transition design. She has a broad experience with research projects and published more than 70 peer reviewed publications.

The UN Sustainable Development Goals are a call for immediate action by all countries, companies, organisations, and individuals. SINTEF is one of the largest independent research institutes in Europe. This talk explains how SINTEF systematically works towards sustainable development. The talk will include examples of research and innovation programs and projects addressing social, environmental, and economic sustainability.

Matěj Malecha **Barriers to Designing a Meaningful Change on Commercial Projects**

Matěj Malecha is a design practitioner who fancies a critical view of design practice and business in general, being influenced by his studies of philosophy of technology at Charles University where he graduated from New Media Studies.

The talk aims to show what doing service design actually looks like in the sustainability domain. First, I'll tell the story of our most successful project we did with an insurance company. Then I'll talk about its shortcomings and point out some fundamental issues in how businesses frame sustainability that currently prevent service designers from having a greater impact.

Tereza Navarová **Connecting Design and the Fight Against Climate Change: Klimavize Case Study**

Tereza Navarová is a designer and researcher at the Brno-based studio House of Řezáč. She transfers her experience from the private sector to the public administration as well as to non-profit and grassroots organizations. She believes in design as a tool for positive social-ecological change.

The talk will introduce Klimavize, a design research for finding new big leverage points/opportunities for the Czech climate movement. I will discuss the methodology we based the research on and how we designed and executed the research so that it would help us reach our goals. The talk will also address how the research opens possibilities for transition design and point out where are the connections between transition design and climate and social movements.

W o r k s h o p s

Saturday May 7



09.00-12.00 workshops will take place simultaneously

Exploring Differences between Traditional versus Transition Design Postures

Alma Leora Culén, Nick Stevens

Exploring Imaginaries and Metaphors for Climate Futures

Dan Lockton

12.00-12.30 joint discussion and closing remarks

Exploring Differences between Traditional versus Transition Design Postures

During the workshop, the participants will use role playing in order to articulate the differences between a Transition Design approach to a task and a user centered approach which they might be more familiar with. As they will be considering and uncovering these differences themselves, the results are intended to be relevant and relatable. This process and subsequent reflection also helps to give participants an insight into their own mindset, another significant aspect of the Transition Design framework.

**Led by Alma Leora Culén
and Nick Stevens**

Exploring Imaginaries and Metaphors

for Climate Futures

Led by Dan Lockton

In this workshop we'll try out some practical methods for exploring how we imagine our own lives in the future, in an age of societal transitions and climate crisis, building on work from projects including IMAGINE and Playing With The Trouble.

Transition - Design - Education

muni.cz/go/transition_design

Drawings by Veronyka Jelinek.

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