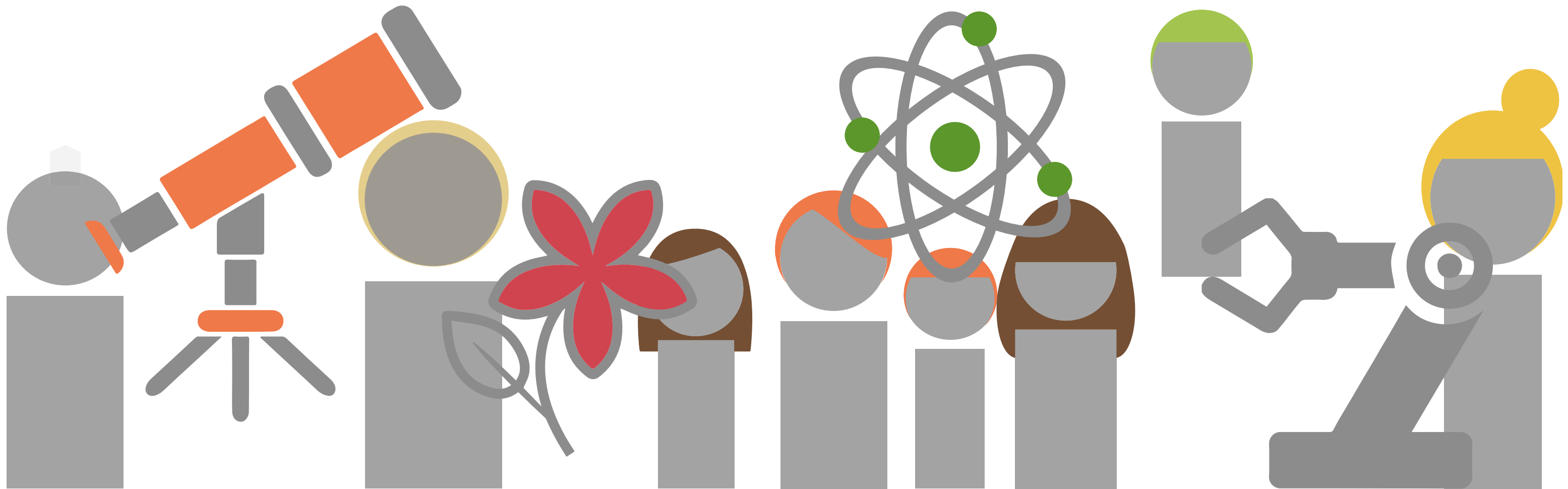


Citizen Science Talent Programme 2022

*Eight cases selected for the programme.
In the interview, please indicate your priorities!*

*[www.sdu.dk/
cstalent](http://www.sdu.dk/cstalent)*

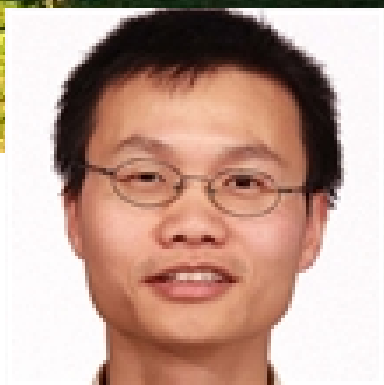


Not in my backyard

Research questions:

“Not-In-My-Backyard” is a challenging obstacle when communities propose renewable energy projects. It can hurt the success of the green energy transition. Which factors can help turn public negative attitudes into active support? And who decides?

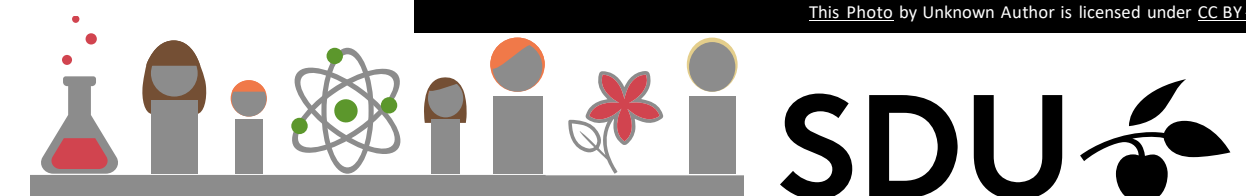
This project is expected to develop new knowledge about energy-society relations



Yingkui Yang

Associate Professor, yya@sam.sdu.dk

Department of Sociology, Environmental and Business Economics



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Climate fiction



Research questions:
“Climate fiction” stories explore the plausible consequences of climate change on people and the world. But can climate fiction help us imagine solutions as well? After all, thinking about the impacts of rising sea levels and extreme weather can generate strongly negative emotions such as fear, anxiety, and pessimism. How might climate fiction channel such strong emotions into productive actions (e.g., changing personal habits or more political awareness)?



Bryan Yazell
Assistant Professor
Department for the Study of Culture

Digital scouting

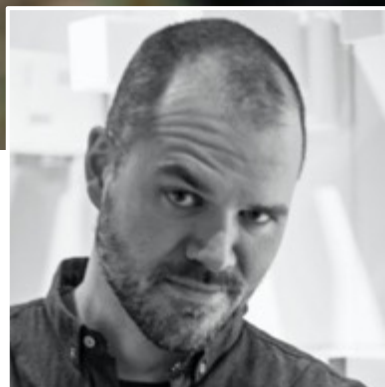


Research questions:

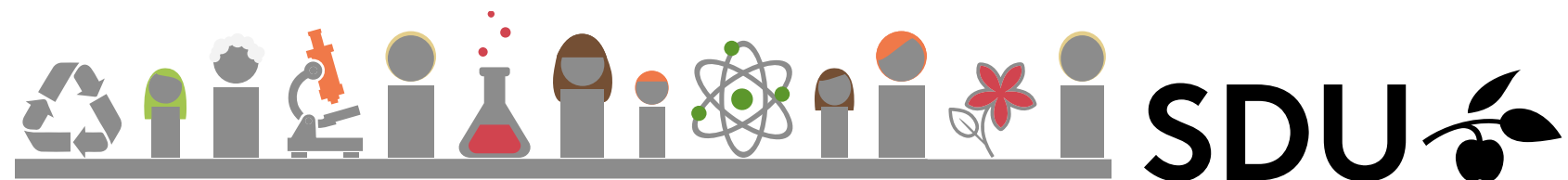
Scouting has historically been associated with low tech skills – ‘wood work’, being in nature, using available materials and traditional tools, like knives, axes, rafts, etc.

How do modern technologies (GPS, smartphones) and social media, which play a huge role in today’s youth life, challenge scouting culture?

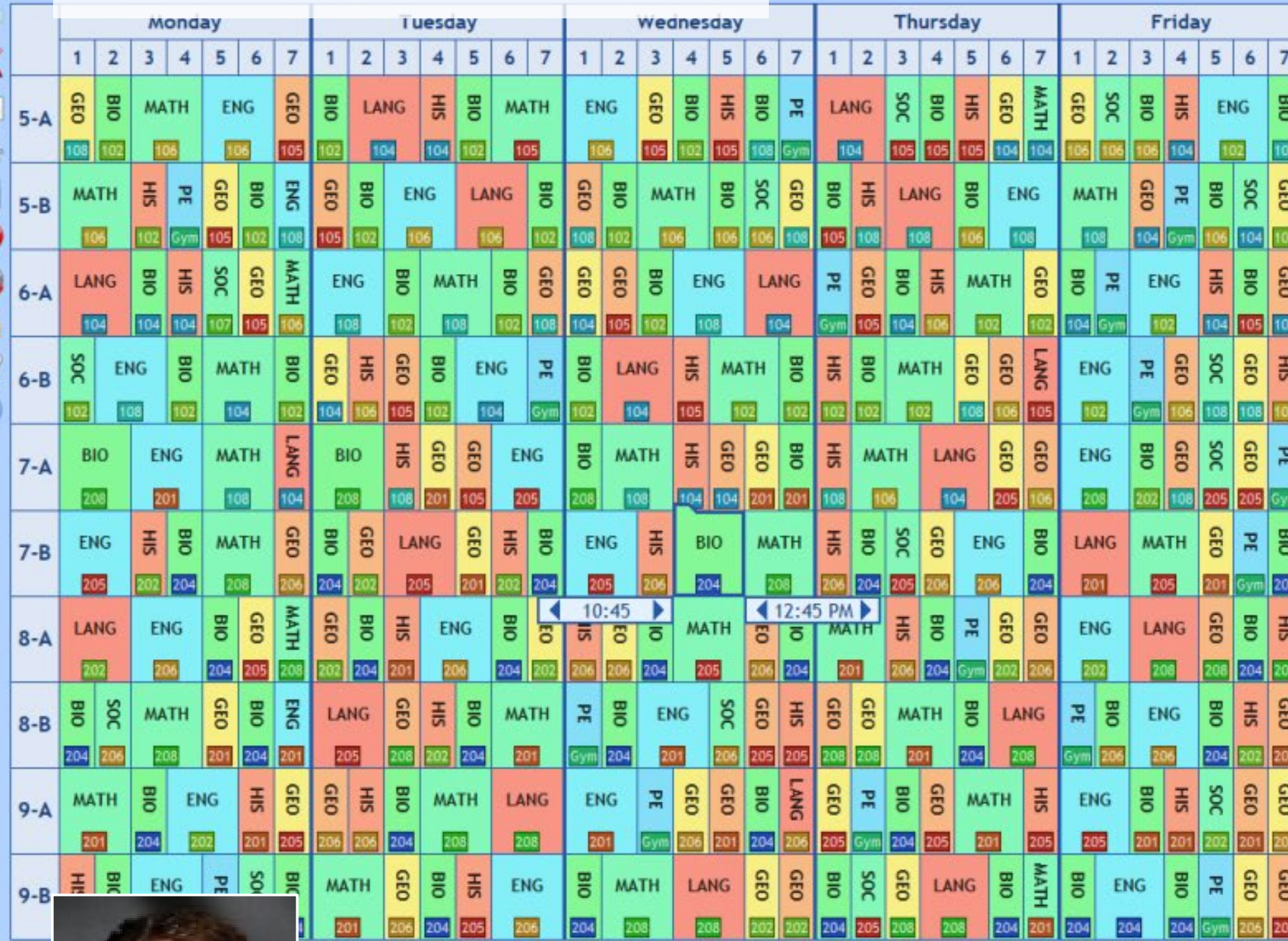
Foto: Morten Bjerrum Larsen



Toke Riis Ebbesen
Associate Professor
Department of Design and Communication



AI timetabling

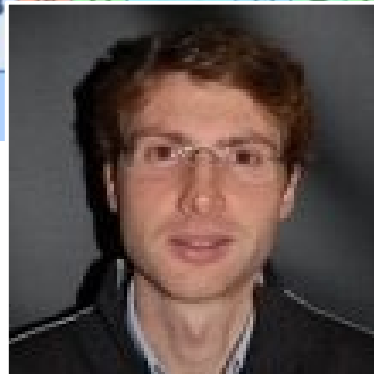


Sched	Subject	Group	Teacher	Room	Lengt	Quant
1	Geography	5-A	Beames Melv	101; 102; 10	10	4
4	History	5-A	Bean Stephen	101; 102; 10	10	4
4	Language Art	5-A	Browne He	101; 102; 10	10	2
5	Mathematics	5-A				
1	Physical Educ	5-A				
4	Geometry	5-A				
8	Biology	5-A				
2	Social Studies	5-A				
6	English	5-A				
3	Geography	5-B				
2	History	5-B				
4	Language Art	5-B				
6	Mathematics	5-B				
2	Physical Educ	5-B				
3	Geometry	5-B				
8	Biology	5-B				

Teachers (1)		Quant	Sched
<input type="checkbox"/>	Beames Melvyn	16	11
<input type="checkbox"/>	Bean Stephen	16	13
<input type="checkbox"/>	Binnie Melvyn	14	12
<input checked="" type="checkbox"/>	Browne Heather	16	15
<input type="checkbox"/>	Butler Anthony	24	22
<input type="checkbox"/>	Clarke Peter	8	8
<input type="checkbox"/>	Costello Ruth	24	21
<input type="checkbox"/>	Darlington Elliot	16	13
<input type="checkbox"/>	Davies Richard	24	20
<input type="checkbox"/>	Dawson Scott	26	25
<input type="checkbox"/>	Eaton Ruth	34	30

Research questions:

- Scheduling courses can be a very complicated task if done manually as there are many people, preferences and constraints involved. Can artificial intelligent systems help? How may we form, express, collect, elicit, and aggregate preferences in such a way that the AI systems can use them in practice to align with peoples' intentions?



Marco Chiarandini
Associate Professor
Department of Mathematics and Computer Science



Empowering migrants

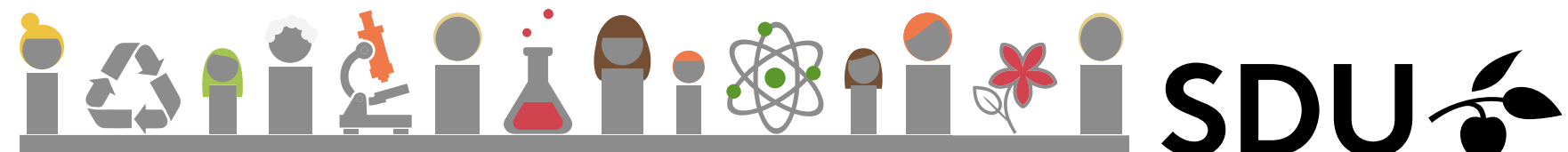
Research questions:

Migration challenges are rather transnational while migrant integration policies remain extremely national-centered. Policies are not always constructed on evidence-based approaches and the beneficiaries (the migrants) are not always engaged in the drafting of migrant integration policies.

This research project aims at finding ways to empower migrants to take lead in their own integration process and participate in the policy making process on issues regarding migrants themselves?



Leena Eklund Karlsson
Associate Professor
Department of Public Health



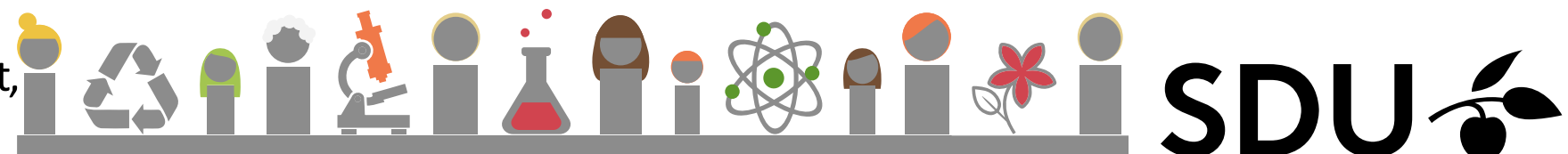
The heart of the matter

Research questions:

Involving patients, relatives and citizens in health research and services holds great promise. But how exactly every day people have a say in designing modern health care treatment is another matter. The recently opened Center for Patient and Public Involvement seeks to employ novel methods for co-creation. This case aims at designing and testing feedback loops in order to harvest the voice and experience of citizens to achieve sustainable medical science.



Astrid Janssens, Associate Professor
Center for Patient and Public Involvement,
Odense University Hospital



To download or not to download

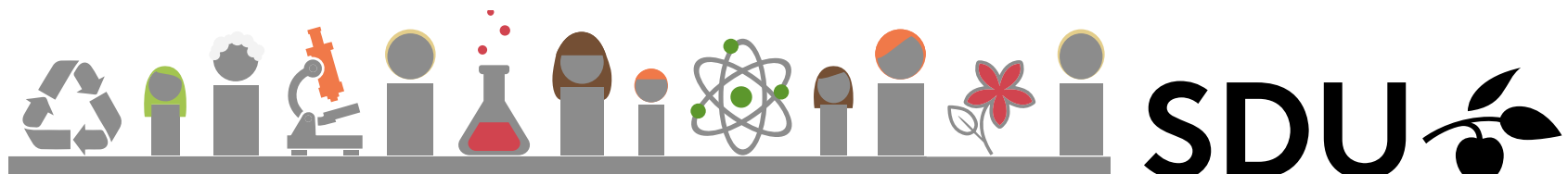
NETFLIX

Research questions:

Streaming and downloading videos actually requires a large amount of electrical energy – and often the users don't even know about it. In this project, we focus on what works well for people when they want to change their habits and how we can scale up the good practices. Which behavior change strategies work (like self-nudging)?



Kerstin Fischer
Professor MSO
Department of Design and Communication



Who likes drones

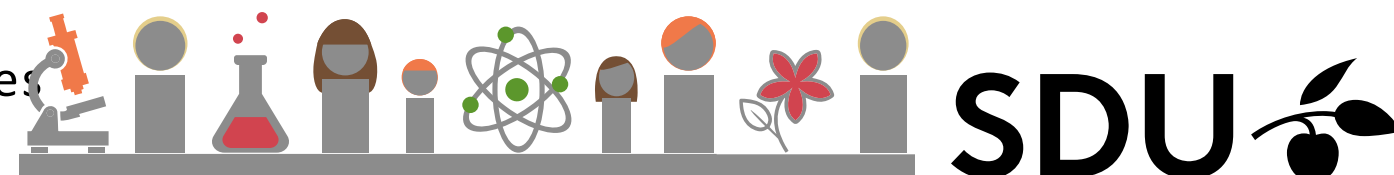


Research questions:

Drones are the robots of the future. Within the next decade they will affect everyday life of citizens - within business, health science, education and much more. But as drone technology is emerging, legislators struggle to make rules that is useful to aviation and research on one side and addresses the worries, hopes and fears of citizens on the other. This case study aims at investigating barriers by using citizens methods and thus help framing the sky of the future.



James Rogers, Assistant Professor, Centre for War Studies
Kjeld Jensen, Associate Professor, SDU Drone Centre



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