

NTNU ENERGY TRANSITION

Clean, Energy-efficient and Smart Transport Systems? Exploring Key Research Questions towards 2050 workshop

28.03. Venue: Quality Hotel Augustin. Start 0900 End 1530-1600

0830: Coffee/Registration

0900: Welcome. Tomas Moe Skjølsvold, NTNU

Section one: Automation, driving and new mobility concepts?

0915: Jack Stilgoe, UCL. *How experiments become futures: Social learning for self-driving cars*

0945: Milos Mladenovic, Aalto University. *Hephaestus, Peitho and Ares get into a self-driving vehicle: Engineering social justice into emerging mobility technologies*

1015: Bård Haugland et al. NTNU. *Envisioning and materializing automated transport systems.*

10.30: Elizabeth Suzen, Eva Dalland and Özlem Simsekoglu, Nord Universitet. Title TBA.

10.45: Coffee

Section two: Digitalization in the transport sector

11.00: Dimitris Milakis, DLR – title tba

11.30: Ane Dalsnes Storsæter, SINTEF/Statens vegvesen, *Geofencing and low carbon areas*

11.45: Stig Johansen, SINTEF: Risk based regulation and certification of autonomous transport systems

12.00: Roger Søråa et al., NTNU: Digitalizing infrastructure in the high north.

12.15: Warm up to Low-carbon mobility session: *Movie screening: Lift me up! Stories of Trampe, the bicycle lift*

12.30 LUNCH

Section three: Low carbon mobility transitions: concepts, technologies and practices

13.30: Debbie Hopkins, Oxford. *What does low carbon mobility look like?*

14.00: Marianne Ryghaug, Tomas Moe Skjølsvold, Ida Marie Henriksen, NTNU: Electric vehicle transitions and infrastructural controversies

14.15: Lina Ingeborgrud, *Ivana Suboticki, NTNU. Promoting cycling in Trondheim and Belgrade – two elevators for cyclists*

14.30: Coffee

14.45: Kristin Ystmark Bjerkan, SINTEF: *Governance of maritime transport transitions*

15.00: Arthur Mason, NTNU: *Globalization, affect economies and low carbon transitions*

15.15: Alim Nayum, NTNU: *Increasing Energy Efficiency in Road Transport: Rebound and Spillover Effects*

15.30: Wrap-up discussions



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