

iClimate Annual Workshop 2021

Venue: DTU Risø Campus, Niels Bohr Auditorium, Frederiksborgvej 399, 4000 Roskilde

Day 1, 5 October 2021

09:45-10:30 Registration, coffee, tea and bread / Placement of posters (Ferry arrives at Odden 9.00)

10:30-10:45 Welcome and practical information – Center Director and management team

10:45-12:00 **Flash talks (5)**

10:45-11:00 PhD Student Frank Akowuge Dugasseh: REDD+ influence on Climate Efforts in Ghana: A Focus on Non-carbon Benefits

11:00-11:15 PhD Student Johan Scheller: Methane in Zackenberg Valley, NE Greenland: Multi-decadal growing season fluxes of a high Arctic tundra

11:15-11:30 PhD Student Daniel Charles Thomas: TBA

11:30-11:45 PhD Student Jacob Pernov: Trends in aerosol particles in the Arctic

11:45-12:00 PhD Student Xiaoyi Meng: The effect of post-digestion fertilizers on greenhouse gases, N use efficiency, and soil microbial

-----*Climate Compensation – vices and virtues*-----

12:00-12:30 Keynote Professor Mikael Skou Andersen: TBA

12:30-13:15 Lunch

13:15-13:35 TT-researcher Doan Nainggolan: Policy Instruments and Alternative Mechanisms for Incentivizing Land-Based Climate Change Mitigation

13:35-13:55 Senior Researcher Steen Gyldenkærne: Ins and outs of inventories of soil carbon TBC

13:55-14:15 Professor Lars Munkholm: Trends and issues around carbon compensation and the knowledge on C sequestration in agricultural soils

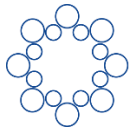
14:15-14:35 Chief Consultant Ole-Kenneth Nielsen: Climate negotiations: What is at stake?

14:35-14:55 Coffee break

-----*Climate and particles*-----

14:55-14:25 Keynote Professor Annica Ekman (MISU): A modelling perspective on the role of aerosols in low-level Arctic cloud formation, duration and dissipation

14.25-15.45 Professor Henrik Skov: Climate and ozone forcing



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15.45-16.05 Senior Researcher Ulas Im: Aerosols in a changing climate: Impacts of emissions on composition, radiative forcing and climate under different climate projections

16.05-16.25 Associate Professor Christoffer Karoff: The nonlinear coupling between solar and volcanic forcing

-----Posters and Wine-----

16:25-18:00 Posters and wine/beer/refreshments

18:00-19:00 Transport to Roskilde City, Check in at the Hotel

19:00- **Dinner at Prindsen, Roskilde <https://prindsen.dk/find-os/>**

Day 2, 6 October 2021

9:00-10:30 Cross-pillar theme discussions

- NE-Greenland expedition (Andi)
- Agriculture and climate change (Marianne/Lars)
- Others? TBD (end of day one)

10:30-10:50 Coffee break

10:50-11:20 Roundup cross-pillar themes....

11:20-12.05 Flash talks (3)

11:20-11:35 Practical info (Peter L. Langen/Gitte B. Hedegaard)

11:35-11:50 Senior Researcher Hans Sanderson: iClimate initiative

11:50-12:05 PhD Student Thomas Stridsland: If you can't measure it, you can't manage it – Universities role in the transition of SMEs

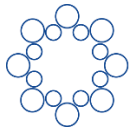
12:05-12:45 Lunch

12:45-13.30 Flash talks (3)

12:45-13:00 PhD Student Tim Tørnes Pedersen: How much flexibility is available for justice in the energy transition? - A global sensitivity analysis of national CO2 targets

13:00-13:15 PhD Student Lærke Sloth Nielsen: Life needs water - Hygroscopicity studies of airborne cells of the ice nucleation active bacterium *P. syringae*

13:15-13:30 PhD Student Ebbe Kyhl Gøtske: Future operation of hydropower in Europe under high renewable penetration and climate change



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13:30-13:45 PhD Student Lou-Anne Ambre Chevrollier: modelling the role of microorganisms in the melting of the Greenland Ice Sheet

13:45 -15.00 Pillar meetings (Coffee in the meeting rooms)

15:00-15:30 Roundup pillar meetings and workshop, next steps....

(Ferry departs from Odden 16.45)