

Preliminary programme: iClimate Annual Workshop 2022

Venue: *Tinghallen, Viborg/ Campus Foulum*

Registration: <https://events.au.dk/iclimatoct22> (deadline September 9th 2022)

Day 1, 11 October 2022 – Tinghallen, Viborg

12:00-13:00 Registration, coffee, tea and Sandwich/ Placement of posters (Train arrives in Viborg 11.00)

13:00-13:15 Welcome and practical information – Center Director and management team

Session 1: Mitigation of Climate Change

(Chair Lamis Abdelhakim, co-chair Marit-Solveig Zeidenkrantz)

13:15-13:35 Invited Speaker: Troels Skrydstrup, Co-Director of CORC, “The center with a gigaton mission”

13:35-13:45 Kamran Ali Khan, “HYPERFARM”

13:45-13:55 Corneliu Barbu, “Projects and initiatives in the Electrical Energy Technology (ECE) section in support of iClimate goals?”

13:55-14:05 Maria Holst Kjeldsen, “Gas exchanges and dry matter intake when lactating dairy cows are fed 3-NOP and fat”

14:05-14:15 Morten Maigaard, “Combined Effects of Dietary Fat, Nitrate and 3-NOP on Dairy Cows Methane Emission”

14:15-14:25 Sven Gjedde Sommer, “Resilient, sustainable and cost-efficient recycling of phosphorous in sewage sludge”

14:25-14:35 Zhe Zhang, “AURORA: Achieving a New European Energy Awareness”

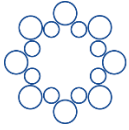
14:35-15:00 Coffee and cake

15:00-16:15 Cross-pillar/theme breakout meetings

Group 1: Phd courses

Group 2: Larger, cross-cutting proposals

Group 3: Transitioning Pillar 3 activities to START framework



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16:15-16:45 Reporting from the groups

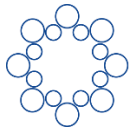
16:45-17:00 10 x One minute one slide presentations of iClimate Grants (Chair Peter L. Langen)

Posters and Wine

17:00-18:00 Posters and wine/beer/refreshments

18:00-19:00 Check in at the Hotel (Peak 12 Hotel <https://peak12.dk/>)

19:00- Dinner at Restaurant Piano Man in Tinghallen Viborg



Day 2, 12 October 2022 – Campus Foulum, meeting room M2

8:00-08:15 Transport by bus/car from hotel in Viborg to Campus Foulum

8:15-10:30 Tour of Campus Foulum facilities

10:30-10:45 Coffee break

----- **Session 2: Measuring, modeling and inventorying climate drivers** -----

(Chair Maria Holst Kjeldsen, co-chair Camilla Geels)

10:45-11:05 Invited Speaker: Klaus Butterbach-Bahl, Director of Land-Craft, “Towards environmental smart agriculture – the Land-CRAFT vision and approach”

11:05-11:15 Henrik Skov, “Ozone and climate forcing in the Arctic”

11:15-11:25 Maher Sahyoun, “Emissions of Primary Biological Aerosols Particles in the Earth Climate Model, GISS-E2.1

11:25-11:35 Rachel Lupien, “Patterns and drivers of African climate across time and space

11:35-11:45 Thomas Stridsland, “GHG Inventories for Managing Transitional Risks – Cases and Insights from the iClimate Service Center”

11:45-11:55 Ulas Im, “Temperature impacts of European and east Asian Organic Carbon Emissions

12:00-12:45 Lunch

----- **Session 3: Open Session** -----

(Chair Zhuyun Ye, Co-chair Lars Juhl Munkholm)

12:45-12:55 Trine Villumsen, “Genetic selection of low methane emitting cows”

12:55-13:05 Camilla Geels, “Climate impacts on air pollution”

13:05-13:15 Adam Dvorak, “What is the optimal electricity share for very inexpensive solar PV?”

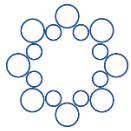
13:15-13:25 Adrián López-Quirós, “Retreat patterns and dynamics of the former Norske Trough Ice Stream (NE Greenland): an integrated geomorphological and sedimentological approach”

13:25-13:35 Angel Vara-Vela, “Inverse Modeling of CH₄ emissions over Europe, Part 1: modeling tools, input data sets and forward modeling evaluation”

13:35-13:45 Torben Røjle Christensen, “Green Transition at 74 North”

13:45-13:55 Anders Damsgaard, “Bringing sediment transport to ice-flow models”

13:55-14:25 Coffee and cake



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----- **Session 4: Adaptation to Climate Change** -----

(Chair Ebbe Kyhl Gøtske, co-chair Corneliu Barbu)

- 14:25-14:35 Mathias Neumann Andersen, "Climate Change and Agriculture in Denmark" (TBC)
- 14:35-14:45 Lamis Abdelhakim, "Effect of drought and heat stress combination on the physiological traits and yield resilience of spring wheat genotypes"
- 14:45-14:55 Davide Cammarano, "Impact of projected climate on processing tomato production"
- 14:55-15:05 Micah Thomas, "Atmospheric Injustice: Whose Problem is it now? And who has the power to solve it?"

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- 15:05-15:35 iClimate V2.0 – How do we tie the Centre together?
- 15:35-15:45 Roundup workshop and next steps
- 15.45-16.15 Bus Foulum to Randers train station

(Ferry departs from Odden 17.15 and train from Randers 16.35)