

ICOS Norway 2017 spring seminar

Time: May 9 - 10, 2017

Place: NILU - Norwegian Institute for Air Research (<http://nilu.no>)

Day 1: Meeting room at "Kunnskapsbyen Conference Centre", just outside NILU main entrance

Day 2: Meeting room at NILU

Visiting address: Instituttveien 18, 2007 Kjeller

Dinner: All participants are invited to seminar dinner at "Stormkjøkkenet" at 19.30, see last page.

The 2017 spring seminar of Integrated Carbon Observatory System (ICOS) Norway will be held in 9 -10 May at NILU - Norwegian Institute for Air Research, at Kjeller (25 kilometres north of Oslo).

There is no conference fee, but participants are expected to cover their own travel expenses and accommodation.

The seminar will focus on the implementation of the ICOS Norway infrastructure and will have open sessions on May 9 and morning of 10 May, also including invited speakers. The remaining sessions from noon 10 May will be for ICOS partners only and will consist of the ICOS Norway Scientific Steering Committee and General Assembly meetings.

See more information at the ICOS Norway web: <https://no.icos-cp.eu>

Program (open sessions)

Day 1 - 09.05.2017

Opening and introduction, session leader Truls Johannessen

- 09:00 - 09:05 Welcome and opening of the seminar by the host
- 09:05 - 09:15 Truls Johannessen, Opening remark
- 09:15 - 09:30 Alex Vermeulen, "The ICOS RI in light of the Paris Agreement"
- 09:30- 10:00 Alex Vermeulen, "Strategy of the Carbon Portal"
- 10:00- 10:15 Jon Børre Ørbæk, "Remarks from the Research Council of Norway"

- 10:15 - 10:30 *Coffee break*

1) Atmospheric domain of ICOS Norway, session leader Cathrine Lund Myhre

- 10:30 - 10:40 Cathrine Lund Myhre, "Atmosphere: overview and progress"
- 10:40 - 11:00 Cathrine Lund Myhre, "Time series and interpretation of atmospheric CH₄ measured at Norwegian observatories and the Arctic Research Vessel Helmer Hanssen"
- 11:00- 11:20 Chris Lunder, "Development of Zeppelin and Birkenes Observatory to ICOS labelled sites"
- 11:20- 11:35 Andrew Watson, "Measurements of CH₄ at Kjølnes Lighthouse, Finnmark"

- 11.45 - 12:45 *Lunch in the NILU cantina*

2) Oceanic domain of ICOS Norway, session leader Are Olsen

- 12:45 - 12:55 Are Olsen, "Norwegian Marine ICOS - Overview and progress"
12:55 – 13:15 Meike Becker, "Surface ocean pCO₂, what is it, how is it measured and how is it mapped?"
13:15 - 13:35 Friederike Fröb, "Long term trends in subpolar North Atlantic pCO₂ and drivers"
13:35 - 14:05 Abdirahman Omar, "ICOS Norway as infrastructure for ocean acidification research"

14:05- 14:20 *Coffee Break*

3) Land, session leader Daniel Rasse

- 14:20 - 14:30 Daniel Rasse, "Land: overview and progress"
14:30 - 14:45 Tobias Biermann, "ICOS Sweden- Insight into the setup and measurements"
14:45 - 15:00 Holger Lange, "NO-Hur: current status and future plans"
15:00 - 15:15 Daniel Rasse, "Inter annual variability of carbon uptake at the eddy-flux station of the Andøya mire"
15:15- 15:30 Lise Dalsgaard. "Estimating carbon stock changes in Norwegian terrestrial ecosystems for UNFCCC reporting – data, estimation methods and results"

15:30 - 15:50 *Coffee Break*

4) Integration, session leader Andreas Stohl

- 15:50 – 15:55 Andreas Stohl, "Integration: overview and progress"
15:55 - 16:25 Glen Peters, "Recent trends in the Global Carbon Budget, with a focus on the Nordic region"
16:25-16:40 Jan Ivar Korsbakken, "Modelling terrestrial CO₂ fluxes"
16:40 – 16:55 Rona Thompson, "NILU: Inverse modelling of CO₂ and CH₄ fluxes"
16:55 - 17:10 Christine Groot Zwaafink, "Semi-operational inverse modelling for ICOS Norway"

Day 2 - 10.05.2017

Ocean Thematic Center (OTC), session leader Abdirahman M. Omar

- 09:00 - 09:05 Truls Johannessen, "The Ocean Thematic Center: overview and progress"
09:05 - 09:40 Andrew Watson, «Ocean Surface pCO₂ measurements and the global carbon cycle».
09:40 - 09:55 Ingunn Skjelvan, "Labelling of ocean stations"
09:55 - 10:10 Camilla Landa, "OTC data life cycle"

10:10 - 10:50 Discussion and outlook (40 min)
10:50 - 11:00 Summary and closing (10 min)

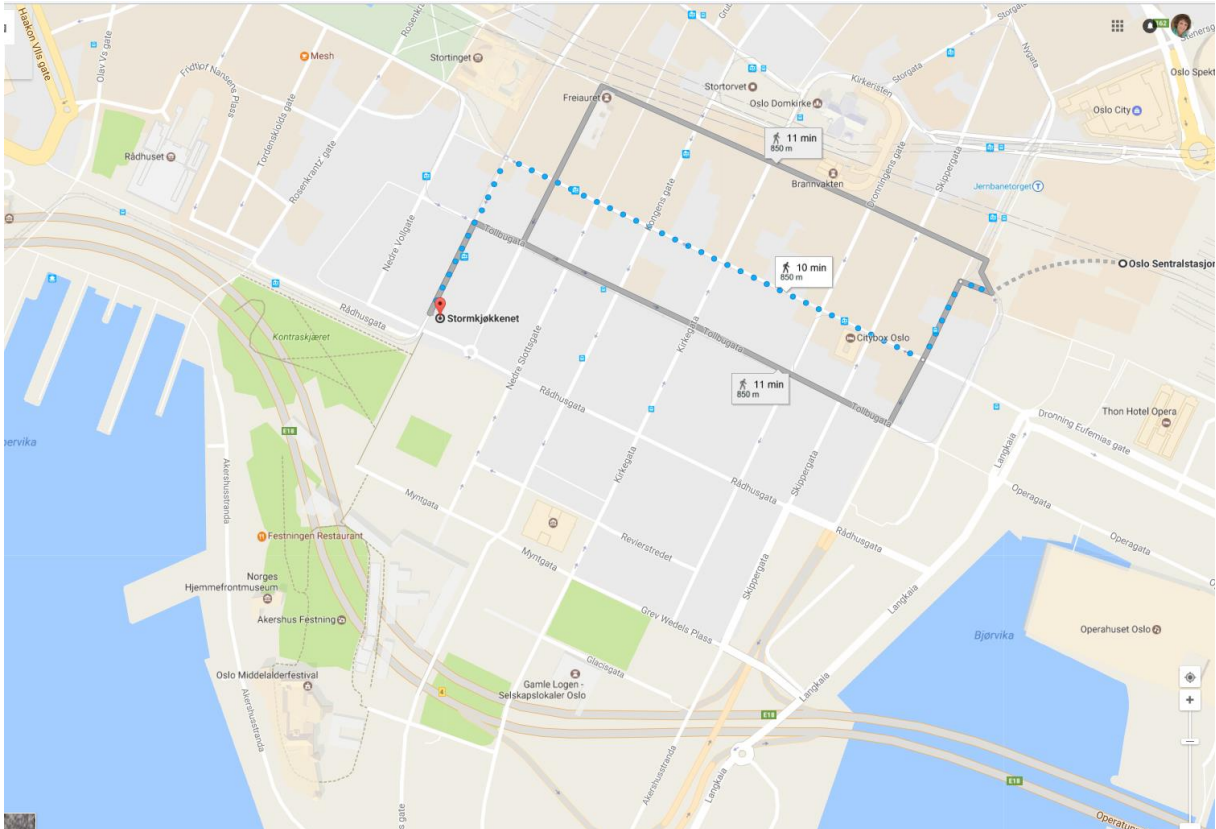
11:00 - 12:00 *Lunch in the NILU cantina*

For project partners only:

- 12:00 - 14:00 ICOS Norway General Assembly
14:00 - 14:10 *Break*
14:10 - 15:15 ICOS Norway Scientific Steering Committee



Dinner at «Stormkjøkkenet» Tuesday at 19.30,
«Akersgata 2, 0158 Oslo, Ca 5-8 minutes walk from Oslo Sentralbanestasjon.



Sjekk evt

<https://www.google.no/maps/dir/Oslo+Sentralstasjon,+Jernbanetorget,+Oslo/Stormkjøkkenet,+Akersgata+2,+0158+Oslo/@59.909513,10.7392139,16z/data=!4m14!4m13!1m5!1m1!1s0x46416e8a1c253d39:0x6d69efbe96e850d2!2m2!1d10.7524574!2d59.911096!1m5!1m1!1s0x46416e87cf2d4735:0xbc36f76cc4200145!2m2!1d10.7390297!2d59.9105557!3e2>