

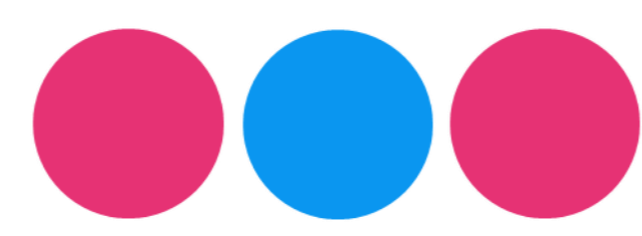
ICOS BELGIUM

Science Conference

2017

PROGRAM

20 October 2017



09:00 – 10:00

10:00 – 10:10

10:10 – 10:30

10:30 – 11:00

11:00 – 11:30

11:30 – 12:00

11:30 – 11:45

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15:30 – 16:00

16:00 – 16:45

16:00 – 16:15

16:15 – 16:30

16:30 – 16:45

16:45 – 16:50

16:50

Registration

Welcome word [Aline Van der Werf \(BELSPO\)](#)

Introducing ICOS [prof. Reinhart Ceulemans \(Belgian Focal Point\)](#)

Keynote speech *Long term carbon and greenhouse gas exchange estimates with eddy covariance : achievements, pitfalls and questions.* [prof. Marc Aubinet](#)

Coffee break *poster presentations*

Research at the ICOS stations: case studies

- Unravelling the temporal variation in a 16-year net ecosystem exchange time series of a Belgian mixed forest. [Joanna Horemans](#)
- Measurement of greenhouse gases and other climate relevant species using in-situ and FTIR remote sensing at La Réunion Island. [Minqian Zhou](#)

Lunch *poster presentations*

Visit Lonzée ecosystem station

Research at the ICOS stations: case studies

- Continuous methane concentration and stable isotope measurements in the Scheldt estuary. [Caroline Jacques](#)
- Comparison of aboveground biomass production efficiency for a grassland and a forest with similar edaphic and climatic conditions. [Bernard Longdoz](#)
- Rotational and continuous grazing does not affect the total net ecosystem exchange of a pasture grazed by cattle but modifies CO₂ exchange dynamics. [Louis Gourlez de la Motte](#)
- Using tree-ring sampling to quantify historical stem growth and reconstruct aboveground biomass at flux-tower sites. [Jasper Bloemen](#)

Coffee break *poster presentations*

Collaborations at the ICOS stations: case studies

- Oxygenated Compounds in the Tropical Atmosphere of the ICOS site of La Réunion in the Indian ocean. [Jenny Stravakou](#)
- Mimicking nature: using ICOS data to control the climatic conditions inside the Ecotron Hasselt University. [Jan Clerinx](#)
- Valuation of the impacts of climate change on dry heathland climate regulation. [Francois Rineau](#)

Closing words

Drink *demonstration ICOS education workshop*

PRACTICAL

- All presentations at auditorium Biologie Végétale (BV), building 48
- Registration and poster presentations in front of auditorium BV
- Lunch, coffee breaks and drink in front of auditorium BV
- Lonzée field visit: a bus will bring you to the site (10 min). Meeting point at 13:00 at parking BV (Avenue de la Faculté 2A), please bring rubberboots or waterproof shoes in case of rainy weather



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