



MOZAIC–IAGOS Scientific Symposium on Atmospheric Composition Observations by Commercial Aircraft: 20th Anniversary

12 – 15 May 2014, Toulouse, France

Celebration: AIRBUS

Symposium: Conference Centre at Météo-France

- Second Circular / Call for Abstracts -

Climate change, air quality, stratospheric ozone depletion and the oxidizing capacity of the atmosphere are major issues that require detailed long-term observations of atmospheric chemical composition on a global scale. For 20 years MOZAIC and its successor IAGOS successfully have harnessed the potential of in-service aircraft to respond to these needs.

Objective of the Symposium

The MOZAIC-IAGOS Symposium is dedicated to celebrate 20 years of MOZAIC and to prospect future insights from its successor IAGOS. It is meant to highlight the achievements and emphasize the needs of users of observations and related products. We seek to encourage discussions to further link the different communities and to foster further development in research themes. We also seek to further understand the needs of the users both in terms of database functionality and in terms of measurement capacities.

Day 1, afternoon: Celebration of MOZAIC

Confirmed key note speakers:

- Guy Brasseur: Science Achievements of MOZAIC
- Leonard Barrie: The Role of IAGOS and European Infrastructures in Global Air Chemistry Research
- Gelsomina Pappalardo: Visions for a Future Integrated Global Atmospheric Composition Observations System
- IAGOS Executive Board: Future Prospects of IAGOS

This day will end with a reception/dinner, acting as an ice-breaking event for the whole symposium.

Day 2-4: Scientific Symposium

Session 1: UTLS Chemical Composition and Trends

Invited talk by Bill Randel, NCAR, Boulder, USA

Session 2: Long-Range Transport of Air Pollutants Invited talk by Kathy Law, LATMOS-IPSL, Paris, France

Session 3: Water Vapour and Clouds
Invited talk by Peter Spichtinger, Univ. Mainz, Germany

Session 4: Recent and New Technical Developments Invited talks by Philippe Nedelec, CNRS, France, and Christoph Gerbig, MPI-BGC, Jena, Germany

Session 5: Monitoring Atmospheric Composition, Climate and Air Quality
Invited talk by Vincent-Henri Peuch, ECMWF, U.K.

Session 6: Evaluation/Validation of Satellites and Surface Remote Sensing
Invited talk by Peter van Velthoven, KNMI, NL

Abstract Submission

Abstracts should be submitted to www.meteo.fr/cic/ following the instructions given there. Abstracts should not exceed 350 words. Please indicate the session you want to contribute to and provide the preference for presentation (oral or poster).

Dead line for submission: 15 February 2014.

Output

It is planned to publish the symposium contributions as a special issue of Tellus B

Further Information

To receive further details, please visit www.iagos.org

Organising Committee

Valérie Thouret, Université de Toulouse/CNRS, France
Andreas Petzold, Forschungszentrum Jülich, Germany

Scientific Steering Committee

Leonard Barrie, Bolin Centre, Stockholm, S
Carl Brenninkmeijer, MPI Chemistry, Mainz, D
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Jean Pierre Cammas, CNRS, F
Owen Cooper, NOAA, USA
Jean-Marie Flaud, CNRS, F
Martin Gallagher, Univ. Manchester, U.K.
Paul Monks, Univ. Leicester, U.K.
Marc Pontaud, Météo-France, F
Herman Smit, FZ Jülich, D
Anne Thompson, NASA, USA
Andreas Volz-Thomas, FZ Jülich, D
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