

## IAGOS Annual Meeting 18-19 June 2018

**Venue** Centre International des Conférences de Météo-France, 42 Avenue Gaspard Coriolis, 31057 Toulouse, France (<http://www.meteo.fr/cic/>) . Photo ID will be required to access the site at Météo France. **Transport from the conference centre to hotel Riquet is provided at 18:00 on 18<sup>th</sup> June and from Hotel Riquet to the conference centre at 08:30 on Tuesday 19<sup>th</sup> June.**

**Arriving from the Airport:** Take a taxi, journey time 7 minutes.

**Arriving from Hotel Riquet (Monday 18<sup>th</sup> Morning ONLY):** For those people arriving from the Hotel Riquet on Monday 18<sup>th</sup> June, transport is not provided. You will need to take Metro Line A from Marengo SNCF to Basso Cambo, followed by Bus 18 (direction cité scolaire rive gauche): Journey time approx. 35mins.

### Participants

IAGOS Members and their group, IAGOS advisory board, IAGOS sub-contractors, Airbus, Airlines, Copernicus Service and Research Infrastructures, National Funding agencies

### Agenda

#### Monday 18 June

11:30 -12:30 : **Introduction**

- Welcome by Meteo France: Philippe Dandin (5 mins)
- What is IAGOS? Objectives of the meeting: Andreas Wahner, President of IAGOS-AISBL, (10 mins)
- IAGOS Movie (10 mins)
- Why is IAGOS important to the scientific community? Michael Prather, University of Irvine, California, (20 mins)
- Importance of IAGOS to the Global Observing System: Oksana Tarasova, World Meteorological Organisation, (15 mins)

#### **Group Photo**

12:30-13:30 : **Lunch**

13:30-14:20: **Overview of IAGOS in 2018**

- Scientific highlights: Andreas Petzold, (12 mins)
- Technical Basis and Developments: Philippe Nédélec, (12 mins)
- The new IAGOS-CARIBIC payload and the move to a Lufthansa Airbus A350 : Andreas Zahn, (12 mins)
- Vision and needs: Valérie Thouret, (12 mins)

14:20-15:30: **Airbus and Airlines**

- Airbus: Rainer Von Wrede
- Air France: Sandra Combet

- Iberia: Marina Garcia Aedo
- Lufthansa : statement
- China Airlines : Kuoying Wang
- Hawaiian Air: Statement
- Cathay Pacific : Statement

15:30-16:15: **Coffee Break**

16:15-17:45: IAGOS contributions to Research programs and links with Research Infrastructures

- The contribution of IAGOS to the Copernicus Atmosphere Monitoring Service: Henk Eskes, KNMI, (15 mins)
- IAGOS and its contributions to ENVRI-FAIR (ENVironmental Research Infrastructures building Fair services Accessible for society, Innovation and Research); Andreas Petzold, (15 mins)
- ICOS: Leo Rivier, Jean-Daniel Paris, (15 mins)
- ACTRIS : Paolo Laj, (15 mins)
- AERIS: Nicole Papineau
- CNRS-INSU: Bruno Blanke
- DLR-PT/BMBF: Jochen Elberskirch, Birgit Nabbefeld

Wrap up and concluding comments (Andreas Wahner). Transport to hotel Riquet by coach leaving at 18:00.

20:00-23:00: **Social Event** - buffet and cruise along the Canal du Midi (welcome on board, Jean-Marie Flaud)

## Tuesday 19 June

Transport from Hotel Riquet to conference centre by coach departing at 08:30.

9:30-11:00: **Contributions by IAGOS Members**

- KIT: The New IAGOS-CARIBIC Flying Laboratory: Harald Boenisch, (10 mins)
- UMAN : IAGOS Measurements of Ice Concentrations: Tom Choularton , (10 mins)
- MPG :Routine Greenhouse Gas Measurements on IAGOS, Christoph Gerbig, (10 mins)
- CNRS: The IAGOS Central Database: Damien Boulanger, (10 mins)
- FZJ : Developments of IAGOS Air Quality Instrument, Aerosols and NO<sub>2</sub>:Uli Bundke, (10 mins)
- DLR: NOX measurements: Helmut Ziereis, (10 mins)
- MF: Real Time Data Provision-links to AMDAR: Philippe Dandin, (10 mins)
- FMI/UHEL: Atmospheric research at FMI and UHEL and their links to IAGOS: Katrianne Lehtipalo, (10 mins)

11:00-11:30 **Coffee Break**

11:30-13:00 **Recent Results**

- Greenhouse Gas Measurements from IAGOS: Christoph Gerbig, (15 mins)
- Trends of Ozone and CO in the UTLS: Yann Cohen, (15 mins)
- Source-Receptor links: Bastien Sauvage, (15 mins)
- IAGOS in the Pacific: Hannah Clark, (15 mins)

- Implementation of an In-Flight Calibration method for the MOZAIC/IAGOS Capacitive Hygrometers - description of method and assessment of impact on MOZAIC water vapour data (1994 - 2014): Susanne Rohs , (15 mins)
- Process studies based on IAGOS-CARIBIC: Andreas Zahn, (15 mins)

13:00-14:15 **Lunch**

14:15-15:30 **Recent Results**

- Measurement of Nitrogen Oxides on IAGOS - Instrument characterization, first observations and future developments: Andreas Petzold, (15 mins)
- IAGOS data in the lower troposphere: Herve Petetin, (15 mins)
- First results from the regular deployment of IAGOS P2c (Aerosols) on CARIBIC and POLAR 5 aircraft: Ulrich Bundke, (15 mins)
- Discussion
  - Projects of joint publications by Members
  - Publications led by AISBL

End of the meeting

15:30-16:00 **coffee break**

### Evening Reception Monday 18<sup>th</sup> June at 20hrs



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## List of Participants

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