



# IAGOS Scientific Symposium on Atmospheric Composition

Long-term Observations by Commercial Aircraft

October 17-19<sup>th</sup> 2016

Manchester, UK



The University of Manchester



## SECOND CIRCULAR

We are pleased to present the second announcement for the **2016 IAGOS Scientific Symposium on Atmospheric Composition**. The goal of the symposium is to present and discuss new scientific research in the area of global 4-D atmospheric composition, processes and trends based on the existing environmental research infrastructures IAGOS-CARIBIC and IAGOS-CORE, which use existing commercial aircraft instrumented with climate monitoring instrumentation. The meeting will highlight new findings from the growing IAGOS database and, through invited keynote speakers encourage new uses of this scientific capability across the climate community for future global modeling applications.

### Important Deadlines

**Registration: 31 August 2016**

<http://estore.manchester.ac.uk/browse/product.asp?compid=1&modid=2&catid=475>

**Abstract submission: 20 June 2016**

Please send your abstract (max 500 words not including title, authors and affiliation) by email to the contact below.

#### Contact:

Martin Gallagher, [martin.gallagher@manchester.ac.uk](mailto:martin.gallagher@manchester.ac.uk)  
Andreas Zahn, [andreas.zahn@kit.edu](mailto:andreas.zahn@kit.edu)

[www.iagos.org](http://www.iagos.org)

**Scientific Symposium: 12:00 17<sup>th</sup> – 13:00 19<sup>th</sup> October 2016**

There will be plenary sessions with 15-minute talks and a poster session. Each session will be introduced by keynote speakers highlighting key scientific questions which IAGOS airborne observational databases have already or potentially can contribute to in future. The symposium will cover the following areas:

#### Session 1: UTLS Dynamics, Chemical Composition and Trends

Keynote: Peter Hoor (University of Mainz)

Keynote: Peter Haynes (University of Cambridge)

#### Session 2: Reactive Trace Gases, Greenhouse Gases, Modelling

Keynote: Steven Brown (NOAA)

Keynote: David Stevenson (University of Edinburgh)

#### Session 3: Water Vapour, Clouds and Radiation

Keynote: Martina Krämer (FZJ)

#### Session 4: Aerosols and Climate

Keynote: Ken Carslaw (University of Leeds)

Keynote: Jim Haywood (UK Met Office)

#### Session 5: New Technical Developments for Airborne Monitoring

Keynote: Andreas Zahn (KIT)

#### Organised and co-sponsored by:

IAGOS-AISBL

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NERC National Centre for Atmospheric Science (NCAS)

