

REGISTRATION & IMPORTANT DATES

- To register, visit the conference webpage:
<http://icare2017.besl-eventservice.de/front/conference.php>
- Deadline for registration: 5 June 2017
- Registration fee: €150
- Deadline for abstract submission: 5 May 2017

ABOUT EUFAR

Created in 2000, EUFAR was born out of the necessity to create a central network for the airborne research community in Europe with the principal aim of supporting scientists, by granting them access to research aircraft and instruments otherwise not accessible in their home countries.

In this way, scientists all over Europe can have an equal chance to carry out various atmospheric and in situ measurements on board research aircraft. In essence, EUFAR links scientists with operators of research facilities, and financially supports this collaboration by providing funding for flight hours as well as for travel and subsistence during campaigns.

EUFAR International Conference on Airborne Research for the Environment



ICARE



JOIN THE EUFAR COMMUNITY

To be regularly kept up to date on news related to ICARE 2017 visit the EUFAR website and register as a member today! You are also invited to stay informed by visiting the conference webpage providing you regularly with updates!



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[@EUFAR_science](https://twitter.com/EUFAR_science)

With time EUFAR has grown, introducing new activities and objectives to place itself as the unique network and portal of airborne research for the environmental and geosciences in Europe. From organising summer schools, expert workshops, and serving as an interactive and dynamic hub of information, to maintaining a central data archive, and developing tools and standards to collect, process and analysis data, EUFAR continues to improve the operational environment for conducting airborne research. As a follow-up to the ICARE conference held in Toulouse, France, in October 2010, this will be the second edition of the conference bringing together about 150 delegates from both atmospheric science and earth observation disciplines.

**"DEVELOPING THE
INFRASTRUCTURE TO
MEET FUTURE SCIENTIFIC
CHALLENGES"**

**DLR GERMAN AEROSPACE CENTER
OBERPFAFFENHOFEN**

(NEAR MUNICH)

10-13 JULY 2017





SCOPE OF CONFERENCE

The conference will bring together both operators and users of research aircraft working in support of a broad range of environmental research interests together with representatives of relevant funding agencies and equipment suppliers. Airborne research has significantly contributed to our understanding of important environmental processes in the atmosphere, ocean and on the land surface. The ability to continue and develop this role will depend on the airborne research community adapting to the challenges of a world of increasingly restricted financial resources.

The conference will review the scientific drivers for future airborne measurements across a broad range of topics in environmental science. There will also be sessions devoted to a range of technical and support issues that are concerned with developing the aircraft operators' ability to address these science drivers.

CONFERENCE SESSION TOPICS

1 Science drivers for future airborne science missions

- > Airborne support to future satellite missions
- > Polar research
- > Atmospheric science
- > Oceans, lakes and inshore waters
- > Land surface studies

2 Organisation of future airborne campaigns

- > Access to airspace for measurement flights
- > Diplomatic and security restrictions
- > Coordination of multi-aircraft campaigns through separate funding streams

3 Developing future airborne science capabilities and platforms

- > Maintenance of capability range
- > Developing open access to airborne facilities
- > Broadening the scientific user base
- > Synergy of manned aircraft and UAVs

4 New developments in instrumentation and data

- > Exploitation of lightweight / low-power instruments
- > Unattended operation
- > Exploitation of real-time data for science planning, education and public engagement
- > Transferability between aircraft
- > Data formats and exchange – facilitating collaboration
- > Development of protocols for the conduct of airborne intercomparisons

PROGRAMME

- Hexagon icon Plenary Sessions
- Hexagon icon Expert Workshops
- Hexagon icon Oral Presentations
- Hexagon icon Poster Sessions
- Hexagon icon Aircraft Exhibition



ACKNOWLEDGMENT

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