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▲ EUFAR FP7 News

▲ **International Conference on Airborne Research for the Environment (ICARE)**

For the 10th anniversary of the European network of airborne facilities for research in environmental and geo-science, an international conference will be organized in Toulouse on October 25th-31st 2010:

- ▶ during this international conference, there will be sessions on Emerging Technologies, Open Access, User Needs and a Forward Look meeting at the Météo-France Conference Centre.
- ▶ an exhibition of European and US research aircraft will be organised at the Toulouse airport (including inter-calibration flights)
- ▶ a EUFAR training course on data processing and Quality Control/Quality Acquisition based on data collected during the inter-calibration flights

List of aircraft confirmed:

- ▶ C-130 (NSF)
 - ▶ Falcon 20 (DLR)
 - ▶ Falcon 20 (SAFIRE)
 - ▶ ATR-42 (SAFIRE)
 - ▶ POLAR5 (AWI)
 - ▶ CASA 212-200 (INTA)
 - ▶ Dornier-228 (NERC)
 - ▶ Piper Aztec (SAFIRE)
 - ▶ Schindler Enduro (KIT)
 - ▶ CNR SkyArrow (CNR)
 - ▶ Dimona (METAIR)
- ▶ about 60 stands will be available for airborne research scientists and SME's to display their products and know-how.

More information and agenda on the [EUFAR website](#)

Registrations **NOW OPEN** on the [Météo-France Conference Centre site](#)

▲ **Next EUFAR meetings to be held in conjunction with ICARE**

On October 25th:

- ▶ **EUFAR N4 Expert Working Group (EWG) meeting 06:** "Aerosol Single Scattering Albedo"
- ▶ **EUFAR N4EWG meeting 07:** "Instrument Integration and Certification"
- ▶ **EUFAR N4EWG meeting 08:** "Gas Phase Chemistry"
- ▶ **EUFAR N6 Standards and Protocols / International Society for Photogrammetry and Remote Sensing (ISPRS) Terms of Reference (TOR) 2.3.11 / Interagency Working Group for Airborne Data and Telemetry Systems (IWGADTS) Joint Meeting**

On October 26th:

- ▶ **EUFAR N4EWG meeting 09:** "EUFAR book "Airborne Measurements - Methods and Instruments"
- ▶ **EUFAR JRA2 meeting 05:** "Joint Research Activity (JRA2) on Quality layers for airborne hyperspectral imagery and data products (HYQUAPRO)"

▲ Previous EUFAR meetings since the last newsletter

All meeting reports are available at www.eufar.net (Select Search / Documents from top menu; Select "Meeting" in "Links with specific subject"; Choose your meeting).

- ▶ **EUFAR General Assembly meeting 03**, held by webconference on March 4th 2010. The objectives were to report each activity's progress, to define their future plans, to present the implementation plan for the next 18 months and to vote on various proposals. There were 35 participants.
- ▶ **EUFAR N4EWG meeting 04** on "Quantitative Applications of Soil Spectroscopy" held in Postdam (Germany), on April 15-16th 2010, hosted by GeoForschungsZentrum Potsdam (GFZ). The workshop took place as part of the "Hyperspectral Applications for Soils" Expert Working Group activity within the EUFAR project and as part of the activity of the ISPRS WG VII/3 "Information Extraction from Hyperspectral Data" chaired by Eyal Ben Dor and co-chaired by Sabine Chabrilat. There were 46 participants.
- ▶ **EUFAR JRA2 meeting 04** held in Postdam (Germany), on May 5th 2010, hosted by GFZ. There were 11 participants.
- ▶ **EUFAR JRA1 meeting 03** held in Szeged (Hungary), on May 17-18th 2010, hosted by the University of Szeged (USZ). The objectives were to address the state of the art and progress of the work program and put common activities (e.g. laboratory and in-flight testing etc.) into a concrete action plan, particularly for the next 19-36 months. There were 9 participants.
- ▶ **EUFAR JRA3 meeting 04** held in Toulouse (France), on June 3rd 2010, hosted by COMAT. There were 7 participants.
- ▶ **International Society for Photogrammetry and Remote Sensing (ISPRS) Technical Commission I (Symposium 2010)**, held in Calgary (Canada), on June 16-18th 2010 where EUFAR was represented by Jean-Louis Brenguier (EUFAR coordinator).
- ▶ **EUFAR N4EWG meeting 05**, held in Seaside, (Oregon, USA), on June 24th 2010. The objectives were to improve the expertise among the specialized scientists in 18 fields of airborne research by organizing expert workshops, facilitating the transfer of expert knowledge to users, operators, and funding agencies and compiling the knowledge in a high-level textbook on "Airborne Measurements – Methods and Instruments". There were 17 participants.

▲ Transnational Access / Education & Training

EUFAR Transnational Access call continuously open for proposal submission until Dec 2011!!!

▲ Some statistics:

- ▶ Transnational Access: 37 projects have been submitted in FP7:
 - 6 out of 18 confirmed have been flown successfully (ALISA, MORE, A.NEW, EDOCROS, T-MAPP and AIRES-CZM)
 - 12 out of 18 confirmed have not been flown yet
 - 4 are under evaluation
 - 3 are in pre-review
 - 11 have been rejected
 - 1 is non eligible.
- ▶ Education&Training - Join an existing campaign: 5 applications have been received and accepted.

▲ Transnational Access applications for small aircraft:

EUFAR Transnational Access provides access to research aircraft and to hyperspectral remote sensing instrumentation. The aircraft range from lightweight, slow-flying aircraft, usually with restricted instrument payloads, to multi-engined large tropospheric aircraft capable of carrying several tonnes of instrumentation payload. These provide capabilities for study in a wide range of disciplines including atmospheric trace gas chemistry, aerosol and cloud microphysics, turbulence and atmospheric radiative transfer across a wide range of wavelengths together with land-surface remote sensing for a wide range of purposes including vegetation studies, land-use changes and archaeology. We are keen to encourage access from researchers in countries that have no access to such facilities via their national funding sources and especially from those researchers that have no previous involvement in airborne research observations. EUFAR would like especially to encourage applications to make use of the smaller, lighter aircraft in the EUFAR fleet. These may be particularly suitable for use by inexperienced researchers since they can benefit from the allocation of larger amounts of flight time

than on the heavier and more expensive aircraft. These aircraft do, however, carry sophisticated instrumentation and provide opportunities to undertake leading-edge research. For further information and assistance, please visit the EUFAR website, www.eufar.net, contact the Transnational Access coordinator, Phil Brown (phil.brown@metoffice.gov.uk) or Bob Wells in the EUFAR Office (bureau@eufar.net)

▲ EUFAR Upcoming Training Courses:

- ▶ **3rd EUFAR FP7 Training Course on "Quality of Airborne Data" (QAD):** this training course is organized by the Stockholm University from October 26th to November 5th 2010 in Toulouse (France). Registrations closed on September 14th 2010. 20 participants will be selected.

▲ EUFAR Completed Training Courses:

- ▶ **1st EUFAR FP7 Training Course on "Advanced Digital Remote sensing in Ecology and earth Sciences Summer School" (ADDRESS):** this training course was organized by the Balaton Limnological Research Institute (BLRI) from August 19th to 28th 2010, in Tihany (Hungary). Registrations closed on May 20th 2010. There were 20 participants.
- ▶ **2nd EUFAR FP7 Training Course on "Training & Education for Turbulence Research via Airborne Data" (TETRAD):** this training course is organized by the CNR ISAC Institute for Atmospheric Sciences and Climate from September 10th to 18th in Hyères (France). Registrations closed on June 20th 2010. 20 participants have been selected.

▲ EUFAR Dissemination

EUFAR posters and leaflets have been sent and displayed during the following conferences since the last newsletter:

- ▶ **ECRI 2010 (23rd-24th March 2010, Barcelona, Spain)**
- ▶ **IMDIS 2010 (29th-31st March 2010, Paris, France)**
- ▶ **HyMeDas spring school (25th-30th April 2010, Bad Schandau, Germany)**
- ▶ **Workshop on Cold Regions Hydrology (28-30th April 2010, Innsbruck, Austria)**
- ▶ **EGU 2010 (2nd-7th May 2010, Vienna, Austria):** EUFAR maintained a stand during the whole duration of the conference.
- ▶ **Belgium Earth Observation Day (BEO - 6th May 2010, Brussels, Belgium)**
- ▶ **30th EARSeL Symposium (31st May-3rd June 2010, Paris, France)**
- ▶ **100 Years ISPRS - Advancing Remote Sensing Science (5-7th June 2010, Vienna, Austria)**
- ▶ **2nd IEEE GRSS Workshop on Hyperspectral Image and Signal Processing - Evolution in Remote Sensing (14-16th June 2010, Reykjavik, Iceland).**
- ▶ **ISPRS TC VII Symposium "100 Years ISPRS – Advancing Remote Sensing Science"(5-7th July 2010, Vienna, Austria).**

Do not hesitate to contact EUFAR Office at bureau@eufar.net if you want to receive EUFAR posters/leaflets in order to promote the project during conferences.



▲ COPAL NEWS

COPAL is at the end of its third year. The coming annual meetings will be decisive for the future of the project which ends in October 2011. Decisions taken by the members for COPAL will be announced during the ICARE conference.

▲ COPAL Next Meetings

▲ COPAL 3rd Steering Committee meeting

This meeting will be held in **Thessaloniki (Greece) from September 23rd to 24th 2010**, hosted by GSRT. The Steering Committee members will discuss of the actions to be taken during the last year of the project to ensure its implementation. They will make propositions to the Governing Board to be held during the ICARE conference in Toulouse.

▲ COPAL 3rd Governing Board meeting

The COPAL 3rd Governing Board meeting will take place in **Toulouse (France) during the ICARE conference on October 26th 2010**, hosted by Météo-France. It is crucial that firm decisions are made at this meeting to be officially announced to the airborne research community on Thursday 28th October, at the end of the plenary session on Open Access (16:00-18:00). Thus, the presence of authorized representatives from each organization is essential.

Reports of these meetings will be available on the EUFAR website.

▲ COPAL at the ICARE Confence

Come and visit us at the ICARE exhibition to be held from October 29th to 31st. You are also welcome to join the plenary sessions of the ICARE conference. For more information on the program, please visit the ICARE webpage: <http://www.eufar.net/ICARE>.

You are receiving this newsletter as a EUFAR member. If you do not wish to receive this any longer, please [click here](#).