

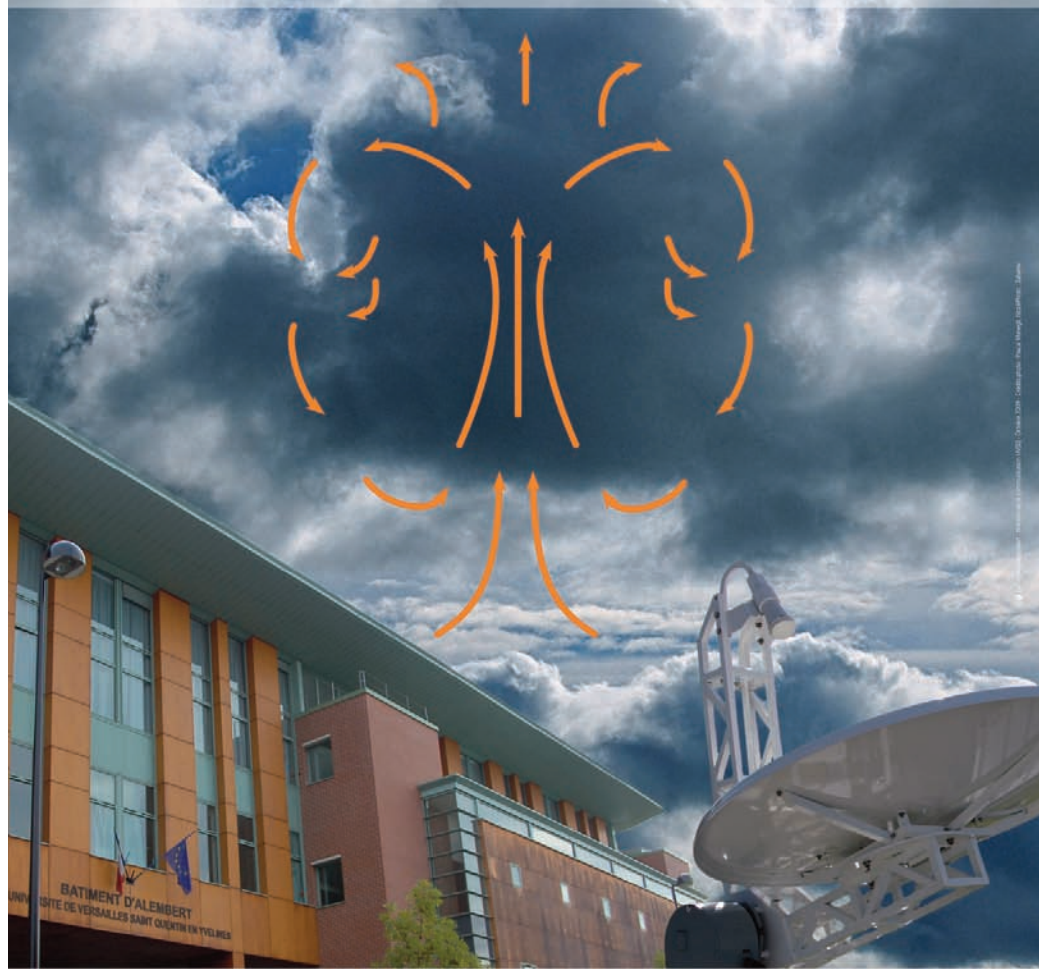
# INTERNATIONAL SYMPOSIUM FOR THE ADVANCEMENT OF BOUNDARY LAYER REMOTE SENSING



## 2010 PARIS

28 - 30 JUNE

<http://www.isars2010.uvsq.fr>



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**ISARS 2010 VENUE:** Institut Pierre Simon Laplace, Université Versailles Saint-Quentin-en-Yvelines, 5-7 bd d'Alembert, 78280 Guyancourt, France

### ORGANIZING INSTITUTIONS



### SUPPORTING PARTNERS



# SECOND CIRCULAR

## Symposium Objectives & Format

ISARS organizes a symposium every two years on Remote Sensing and Associated Techniques of the Atmosphere and Oceans, with a particular focus on the Boundary Layer. The scope of the symposium ranges through theoretical aspects of measurement physics, innovations and limitations in remote sensing techniques, current needs in measurements and investigations, and applications of remote sensing to explore boundary layer physics and to respond to societal needs.

The scientific program will be constructed around 5 main topics:

- I. Ground-based remote sensing measurement techniques and instruments
- II. Inversion, retrieval, analysis methods and observation strategies
- III. Process studies in the atmospheric boundary layer
- IV. Remote sensing data for modeling of boundary layer and surface processes
- V. Operational applications of boundary layer research

The **symposium format** will be organized around three different modes of communication:

**Oral lectures** intended to present (1) a review or overview in a particular field, or (2) a novel approach, new technique of interest to a broad audience, or (3) a topic that will induce discussion in the community. Each of the five oral sessions will be opened by a solicited lecture.

**Poster communications** will be dedicated to in depth presentation of your work and discussion with other experts in your field. Two 3-hour long poster sessions will be included in the program to allow ample discussions around posters in a studios, yet relaxed atmosphere.

**Field seminars** are scientific and technical presentations that are carried out in the field, based on a remote sensing technique demonstration. The content of a field seminar can include a description of the remote sensing principles, interpretation of instrument signal, demonstration of actual measurements with the instrument, visualization of data and some physical process of interest, off-line analysis of these measurement, and applications. The ISARS 2010 program will dedicate a 3-hour session to field seminars that will take place at the SIRTa observatory, in the main observation field.

## Abstract submission

**The abstract submission is now open:** <http://isars2010.ipsl.jussieu.fr/>

Authors are invited to submit abstracts (250 words or less) related to one of the five highlighted topics of the ISARS 2010 program, and to choose between one of the three different communication modes described above. Extended abstracts will be requested two months before the symposium to prepare the on line proceedings.

**Abstract submission deadline: 15 January 2010**

## Fellowships

Young scientists are encouraged to participate to the ISARS 2010 Symposium and to apply for a fellowship. Are considered as young scientists: master students, PhD students, 1st year post-doc (PhD + 1 year). To apply for a fellowship, young scientists must supply a letter from their university or administration stating that they are currently enrolled at a college or a university in a master, doctoral or post-doctoral program.

The selected young scientists will received a lump sum (amount to be determined) to cover local expenses (accommodation, dinners, local transportation). The fellowship will not cover travel expenses and registration fees. However a full or partial participation to travel expenses can be requested filling out the appropriate part in the fellowship form.

**Fellowship application deadline: 31 March 2010**

## Registration

All participants and accompanying persons must register on-line. Registration will open on 01 March 2010 and will close on June 15, 2010.

	Early Bird Registration 01 March to 15 May 2010	Standard Registration 16 May to 15 June 2010
Full Participant*	300 euros	400 euros
Young Scientist*	200 euros	300 euros
Accompanying Person**	100 euros	130 euros

### Registration fee:

\* It includes: admission to all sessions, coffee breaks and lunches (28 to 30 June 2010), internet access, symposium material, cold buffet during the poster sessions (28 and 30 June 2010), cruise-dinner on the Seine River (29 June 2010).

It does not cover: travel expenses and local transportation, accommodation, dinners (except on 29 June 2010).

\*\* It includes: cruise-dinner on the Seine River (29 June 2010).

It does not cover: travel expenses and local transportation, accommodation.

## Working language

English will be the working language of the symposium.

## Venue

The ISARS Symposium will be held at the Versailles Saint-Quentin-en-Yvelines University (UVSQ) located at Saint-Quentin-en-Yvelines, a suburb west of Paris and close to the famous town of Versailles.

Université de Versailles Saint-Quentin en Yvelines  
Institut Pierre Simon Laplace  
5-7 boulevard d'Alembert - Bâtiment d'Alembert  
78280 Guyancourt - France

## Accommodation

The ISARS 2010 organizing committee recommends that you book a hotel room in the vicinity of "Gare Montparnasse" in Paris, a train station that provides direct train access to Saint-Quentin-en-Yvelines. A list of hotels is proposed on the website: <http://www.isars2010.uvsq.fr>

## Contacts

Abstracts: [isars2010-abstract@uvsq.fr](mailto:isars2010-abstract@uvsq.fr)

Fellowship: [isars2010-fellowship@uvsq.fr](mailto:isars2010-fellowship@uvsq.fr)

Scientific issues: [isars2010-science@uvsq.fr](mailto:isars2010-science@uvsq.fr)

Registration and local arrangement: [isars2010-registration@uvsq.fr](mailto:isars2010-registration@uvsq.fr)

## Organizing institutions

- Ecole Polytechnique (EP)
- Institut Pierre Simon Laplace (IPSL)
- Université Versailles Saint-Quentin-en-Yvelines, (UVSQ)

## Support partners\*

- Centre National de la Recherche Scientifique (CNRS)
- Centre National d'Etudes Spatiales (CNES)
- Communauté d'Agglomération de Saint-Quentin-en-Yvelines (CASQY)
- European Cooperation in Science and Technology (COST ES0702)
- Lidar Environmental Observations (Leosphere)
- Météo France
- Région Ile de France

(\* as of November 2009)

## ISARS 2010 organization:

### Program Chairs:

Martial Haeffelin, Institut Pierre Simon Laplace (IPSL) – CNRS/E. Polytechnique, France  
Sophie Bastin, LATMOS/IPSL - CNRS/UVSQ, France (Co-Chair)

### International Scientific Committee:

Philip Anderson, British Antarctic Survey, UK  
Stefania Argentini, Istituto di Fisica dell'Atmosfera - CNR, Italy  
Stuart Bradley, University of Auckland, New Zealand  
Stefan Emeis, Forschungszentrum Karlsruhe, Germany  
Sabine von Hünerbein, University of Salford, UK  
Margarita A. Kallistratova, Russian Academy of Science, Russia  
Jakob Mann, Risø National Laboratory, Denmark  
Torben Mikkelsen, Risø National Laboratory, Denmark  
William Neff, Environmental Technology Laboratory - NOAA, USA  
Alain Weill, LATMOS/IPSL - CNRS/UVSQ, France

### Local Science and Organizing Committee:

Olivier Bousquet, CNRM - Météo-France  
Hervé Deféraud, LATMOS/IPSL - CNRS/UVSQ  
Eric Dupont, CEREAS - EDF R&D  
Thomas Dubos, LMD/IPSL - CNRS/E. Polytechnique  
Armella Longrez, Institut Pierre Simon Laplace (IPSL) - CNRS/UVSQ  
Marie Lothon, Université Paul Sabatier  
Catherine Michaut, Institut Pierre Simon Laplace (IPSL) - CNRS  
Joël Van Baelen, Université Blaise Pascal

**We look forward to hosting you in Paris for ISARS 2010.**