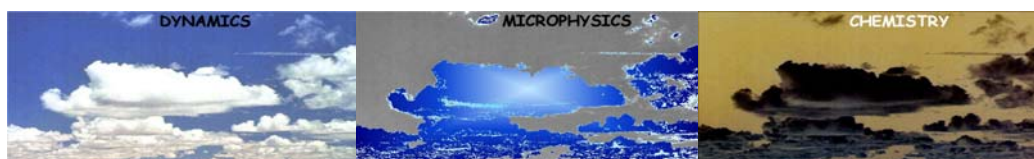


Research school on

**THE ROLE OF ATMOSPHERIC BOUNDARY LAYER PROCESSES
IN ATMOSPHERIC CHEMISTRY**

Castelldefels (Spain), 20-24 November 2006

This interdisciplinary research school is dedicated to PhD students and other scientists interested in enlarging their knowledge on the effect of boundary layer dynamics and mesoscale interactions on atmospheric chemistry. The participant will learn how phenomena such as atmospheric turbulence or cloud formation can influence the atmosphere-biosphere exchange of reactive gases, their mixing and dispersion and the exchange with the free troposphere, as well as reaction mechanisms due to aerosols and aqueous phase chemistry in clouds. Lecturers will critically review current methodologies based on conceptual models, numerical simulations, field observations and laboratory experiments. Emphasis will be placed on how this knowledge is transferred by way of parameterizations to chemistry transport models. Practical exercises are planned in the afternoon to complement the morning lectures.



Organizing committee

Jordi Vilà-Guerau de Arellano (jordi.vila@wur.nl)

Harm Jonker (h.jonker@ws.tn.tudelft.nl)

David Pino (david@fa.upc.edu)

Lecturers:

Harry ten Brink (Energy Centrum Netherlands, The Netherlands)

Nadine Chaumerliac (Université Blaise Pascal, France)

Ian Faloona (University California Davis, USA)

Stefano Galmarini (Joint Research Center, Italy)

Harm Jonker (Delft Technical University, The Netherlands)

Millán Millán (Centro Estudios Ambientales Mediterraneo, Spain)

David Pino (Universitat Politècnica de Catalunya, Spain)

Jochen Stutz (University California Los Angeles, USA)

Jordi Vilà-Guerau de Arellano (Wageningen University, The Netherlands)

Applicants: PhD students, post-docs and other interested scientists.

Fee: The registration fee is 150 EUROS including study material, lunch and coffee breaks.

Scholarships: 25 grants of 300 EUROS are available for PhD and post-docs.

Information and registration: <http://autumnschool.ablresearch.org/>

Deadline registration: 1st June 2006