

# NEWRAD 2005

9th International Conference  
on  
New Developments and Applications in Optical Radiometry  
October 17-19, 2005

Davos, Switzerland

## First announcement

This is the ninth in the series of international radiometry conferences under the title of NEWRAD and will be hosted by the Physikalisch-Meteorologisches Observatorium Davos (PMOD/WRC), Switzerland, from October 17 to 19, 2005. This conference brings together people interested in optical radiation measurements, from the UV to the IR.

The NEWRAD conference follows the 10<sup>th</sup> international pyrhelimeter comparison IPC-X, September 26 to October 14, 2005. The 6<sup>th</sup> UVNet workshop will be held in connection with the NEWRAD conference on October 20 and 21, 2005.

### Scientific Committee for NEWRAD

Andrew Wallard, Chairman – Bureau International des Poids et Mesures, France  
James Butler, NASA/Goddard Space Flight Center, US  
Antonio Corrons, Instituto de Fisica Aplicada, Spain  
Peter Foukal, Heliophysics, Inc., US  
Nigel Fox, National Physical Laboratory, UK  
Claus Fröhlich, Physikalisch-Meteorologisches Observatorium Davos, Switzerland  
Martin Huber, Paul Scherrer Institut, Switzerland  
Erkki Ikonen, MIKES, Centre for Metrology and Accreditation, Finland  
Jürgen Metzendorf, Physikalisch-Technische Bundesanstalt, Germany  
Al Parr, National Institute of Standards and Technology, US  
Maria Luisa Rastello, Istituto Elettrotecnico Nazionale *Galileo Ferraris*, Italy  
Gerhard Ulm, Physikalisch-Technische Bundesanstalt, Germany

### Local Organizing Committee

Julian Gröbner, PMOD/WRC  
Werner Schmutz, PMOD/WRC  
Sonja Degli Esposti, PMOD/WRC  
Wolfgang Finsterle, PMOD/WRC  
Christoph Wehrli, PMOD/WRC

### Contact person:

Julian Gröbner  
PMOD/WRC Dorfstrasse 33  
CH-7260 Davos Dorf, Switzerland  
Tel: 0041 81 4175157  
Fax: 0041 81 4175100  
e-mail: [newrad@pmodwrc.ch](mailto:newrad@pmodwrc.ch)

A second announcement will be released in the middle of March containing details regarding the registration process, hotel reservation, and abstract submission. Please visit the home page <http://www.pmodwrc.ch/newrad2005> for news concerning the conference.

## Scientific Program

### The NEWRAD 2005 conference will cover new developments in:

- Absolute radiometry
- UV, VIS, and IR radiometry
- International comparisons
- Remote sensing including radiometry and astronomy
- Photometry and colorimetry
- Radiometric and photometric sources including LEDs
- Radiometric detectors
- Realisation of scales
- Novel techniques
- Photolithography and UV processing including EUV

## Location

The conference will be held at the Kongresszentrum Davos, Promenade 92, in Davos Platz.

## Conference proceedings

Conference proceedings will be published in a special issue of *Metrologia*. Submitted papers will be reviewed; acceptance of a paper for presentation at the conference does not automatically imply publication in *Metrologia*.

## Venue

The conference will be held in Davos, a famous tourist resort in the Swiss Alps, at 1580 m.a.s.l. ([www.davos.ch](http://www.davos.ch)). The nearest international airport is Zürich, located approximately 3 hours from Davos. The recommended transport between Zürich airport and Davos is by train, which runs every hour (<http://www.sbb.ch>).