

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

Davos, Switzerland

Second 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 10th international pyrhelimeter comparison IPC-X, September 26 to October 14, 2005. The 6th 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

Tony Bittar, Measurement Standards Laboratory of New Zealand, New Zealand

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, PMOD/WRC, Switzerland

Martin Huber, Paul Scherrer Institut, Switzerland

Erkki Ikonen, MIKES, Centre for Metrology and Accreditation, Finland

Jürgen Metzdorf, 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

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. Frequent public transport between the Conference centre and the hotels is available from 6:00 to 23:30, which is free to hotel guests. Consider that walking distances in Davos are short, and any location downtown can be reached within less than a 30-minute walk.

Registration

The registration fee is 480 CHF (Swiss Francs) per person and comprises an opening reception on Sunday, October 16, 2005, coffee breaks and a lunch box during the conference, a dinner on Tuesday, October 18, 2005, an abstract book, and one copy of the NEWRAD2005 special edition published by Metrologia. The abstract book will be available at the beginning of the conference, while the Metrologia special edition will be sent to each participant in the course of 2006. In order for your name to appear on the preliminary participants list, registration must be received before June 17, 2005. Registration deadline is August 31, 2005. Cancellations must be requested in writing by September 30, 2005 and will entail a fee of 50 CHF; no refunds will be made after this date. Registration can be done online at <http://www.pmodwrc.ch/newrad2005/registration.htm> or via fax using the provided form. **There will be no on-site registration.**

Abstract submission

Abstracts of maximum 2 pages including graphics should be submitted by June 17, 2005. Please use the provided Microsoft WORD template found at http://www.pmodwrc.ch/newrad2005/abstract_submission.htm when submitting your contribution. Please submit your abstract electronically as an e-mail attachment to the following address: newrad@pmodwrc.ch, including in the subject field your **name, affiliation, e-mail address**, and preference for **oral/poster** presentation. Only contributions from registered participants will be considered. Note: No copy-editing will be performed on the submitted documents; they will be included as-is in the conference proceedings.

Metrologia Special Edition

A Metrologia special edition containing a selected number of contributions from the NEWARD 2005 conference will be published in 2006. This Metrologia special edition will contain about 30 contributions; authors will be selected by the Scientific Committee based on the quality of the submitted abstracts. Those selected will be informed by July 31, 2005, and draft manuscripts should be sent before October 16, 2005 via e-mail to: newrad@pmodwrc.ch

Note: Submitted manuscripts will be subjected to peer-review before being accepted for publication in Metrologia.

Hotel Registration

Hotel registration should be done directly with Davos Tourismus, using the hotel registration form found at: http://www.pmodwrc.ch/newrad2005/hotel_information.htm.

Please fill in this form and return it by August 31, 2005 at the latest to:

Davos Tourist Office,
Congress Department, Promenade 67,
CH-7270 Davos Platz
Fax: +41 81 415 21 69, E-Mail: congress@davos.ch

Social Events

An opening reception will be held on Sunday, October 16, 2005 in the foyer Aspen of the Conference Centre, first floor, starting at 17:30. An evening dinner has been reserved at the Schatzalp restaurant, about 300 m above Davos, for Tuesday, October 18, 2005. The restaurant is reachable by cable-car (free of charge) and should provide (weather permitting) a wonderful view of Davos and the surrounding country-side. Accompanying persons will be able to purchase a voucher for the evening dinner at the conference.

Coffee Breaks and Lunch

Refreshments will be provided in the mid-morning and mid-afternoon. Lunch boxes will be distributed each day at the conference.

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). 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>). Temperatures in Davos in October can become chilly, especially in the evenings; please do not forget to bring some warm clothes.

Currency and exchange rates

The local currency is the Swiss Franc (CHF). At current exchange rates, i.e. 17 March 2005, 1 CHF= 0.86 USD = 0.65 EURO. Credit cards are accepted in most restaurants and shops. Cash payment is in Swiss Francs but most restaurants and hotels will accept EURO currency. There are several Swiss banks within walking distance in Davos where all major currencies will be exchanged. Bank hours are Mon-Fri, 9:00 am to 12:00 pm and 2:00 pm to 5:00 pm. All banks are closed during lunch time.