



Second Announcement and Call for Papers

PTB-BIPM Workshop on the Impact of Information Technology in Metrology 5-7 June 2007

in conjunction with two one-day satellite workshops

**Trends in Uncertainty Evaluation and Interlaboratory
Comparison Analysis**

4 June 2007

Quality and Security of Metrological Software and Data

8 June 2007

to be held at

Physikalisch-Technische Bundesanstalt (PTB)

Berlin, Germany

The PTB and the BIPM are jointly organizing a Workshop on the Impact of Information Technology in Metrology. This Workshop is the third one in a series which started with a jointly organized Workshop at NPL, UK, in 2002 followed by a workshop at NMIJ, Japan, in 2005. It is planned to continue such events about every two years.

The scientific programme committee under the co-chair of Dieter Richter (PTB) and Rainer Köhler (BIPM) consists of members who were already actively involved in previous workshops. Further members are Jennifer Decker (NRC, Canada), Alistair Forbes (NPL, UK), Hirokazu Matsumoto (NMIJ, Japan), Antonio Possolo (NIST, USA) and Gert Rietveld (NMI, The Netherlands).

The satellite workshop on Trends in Uncertainty Evaluation and Interlaboratory Comparison Analysis will be organised by Markus Bär, Clemens Elster (both PTB), Maurice Cox and Peter Harris (both NPL).

The satellite workshop on Quality and Security of Metrological Software and Data will be organised by Dieter Richter (PTB). Colleagues who are interested in this field are invited to co-organise.



The aims of the workshop are to:

- provide an overview of IT support for metrology;
- identify needs, opportunities and benefits of IT for metrology;
- facilitate the cross-fertilization of different approaches,
- identify cross-sectional mathematical and IT tasks for metrology.

Sessions of the workshop will include:

- Internet-enabled metrology;
- E-trace;
- Intelligent systems;
- Databases in metrology;
- Upcoming information and communication technologies for metrology;
- Safety and security of measurement systems;
- Mathematical modelling and simulation;
- Data analysis including uncertainty evaluation;
- Software tools and packages;
- Software validation;
- Quality management and standards.

The workshop programme includes invited presentations and refereed contributed papers. Additionally a poster exhibition will take place.

It is planned to hand out the presentations on a CD after the workshops.

Authors are invited to submit extended abstracts of their contributions (at least one page, but not exceeding 2 pages) and to identify the favoured way of presentation (oral or poster, main workshop or a satellite workshop) . A link to an author template is available at the web site www.ptb-bipm-workshop.de . The extended abstract should be sent by e-mail to ptb-bipm-workshop@ptb.de no later than 31 January 2007.

Important dates

31 January 2007	Submission of extended abstracts
15 March 2007	Notification of acceptance, publication of the programme
8 April 2007	Deadline for Hotel reservation at Dorint Tiergarten on a reduced rate
15 April 2007	Early bird registration
25 May 2007	Deadline for late registration

Other Questions or expressions of interest in, e.g., obtaining exhibition space should be sent to one of the co-chairs or the local organisation

Dr. Rainer Köhler or Prof. Dr. Dieter Richter or Dr. Hartmut Moeck



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Organisational Details

Location :

The conference will take place in Dorint Novotel Am Tiergarten located in the city centre of Berlin(West) near PTB Institute Berlin.

Dorint Novotel Berlin Am Tiergarten Straße des 17. Juni 106/108 D-10623 Berlin	Phone: +49 (0)30 600350 Fax: +49 (0)531-7008125 E-Mail: H3649@accor.com Web : www.novotel.com
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A sufficiently high contingent of rooms has been reserved at the Dorint Novotel Hotel. Please, note that you have to book the hotel by yourself. For reservation, please, follow the corresponding link at the web site www.ptb-bipm-workshop.de. Especially for the workshop reduced rates of the Hotel Dorint Tiergarten are only guaranteed until April 8, 2007. A list of alternative hotels with a contingent of rooms with reduced rates is also available on www.ptb-bipm-workshop.de . All the hotels are in walking distance to the workshop venue.

Fees :

Fees in € (VAT is not applied)	early registration (receipt until April 15)	late registration (receipt until May 25)	on-site registration
Main workshop 5-7 June	390	460	530
Main workshop and one satellite workshop	470	540	610
Main workshop and two satellite workshops	550	620	690
One Satellite Workshop only	150	180	210
Daily participation at main workshop	200	250	300
Boat tour / Dinner 6 June 8:00 p.m.	50	50	50



For speakers of the main workshop, the fee according to the table is reduced by 150 €.
For satellite workshop speakers, the fee according to the table is reduced by 100 €.
Fees include admittance to the respective workshops, exhibitions, hand out of presentation material, lunches, refreshments and a welcome reception. The fee does not include accommodation.

Accompanying persons are welcome. There is no programme planned for accompanying persons and no fee required. Of course, if desired, the boat tour including the workshop dinner can be booked for accompanying persons, too.

For online registration please use our service form at www.ptb-bipm-workshop.de