Conference Chairman

M. Tvšler, Slovakia

International Advisory Board

I. Frollo, Slovakia, Chairman

S. Adamczak, Poland

M.N. Durakbasa, Austria

M. Dado, Slovakia

V. Havlíček, Czech Republic

G. Juhás, Slovakia

P.P.L. Regtien, The Netherlands

J. Rosina, Czech republic

S. Trattnig, Austria

J. Živčák, Slovakia

International Program Committee

J. Maňka, Slovakia, Chairman L. Lhotská, Czech Republic

I. Bajla, Slovakia

M. Bittera, Slovakia

V. Boháč, Slovakia

E. Cocherová, Slovakia

D. Eidukas, Lithuania

R. Harťanský. Slovakia

M. Horacek, Canada

R. Hudák, Slovakia Y. V. Chugui, Russia

E. Kawate, Japan

P. Kneppo, Czech Republic

G. Kozmann, Hungary

R. Köning, Germany

L. Laurinavičius, Lithuania

F. Lehocki, Slovakia

R. Maniewski, Poland

K. Meigas, Estonia

L. Michaeli, Slovakia

V. Mlynarik, Switzerland

K. Roubík, Czech Republic

V. Smieško, Slovakia

D. Šimšík, Slovakia

M. Štork, Czech Republic

S. Takayama, Japan

M. Tarata, Romania

E. Tkacz, Poland

I. Van Driessche, Belgium

G. Wimmer, Slovakia

V. Witkovský, Slovakia

J. Zakrzewski, Poland

Local Organizing Committee

V. Witkovský, Chairman D. Gogola V. Juráš P. Andris R Ševčík M Hain M. Škrátek E. Bukovenová H Budačová M. Teplan A. Dvurečenskij S. Fialová

IMPORTANT DATES

January 25, 2013 - Registration opening

- Paper submission opening

April 2, 2013 - Extended paper submission deadline (.doc or .docx, max. 4 pages, 5 MB)

April 15, 2013 - Notification of acceptance (shifted)

- Reviewers' comments

April 30, 2013 Deadline for

- guaranteed accommodation,

- early registration rates,

- submission of corrected papers,

- registration with published paper

May 27-30, 2013 Conference

Address for Correspondence

Institute of Measurement Science SAS MEASUREMENT 2013 secretariat Dúbravská cesta 9 841 04 Bratislava SLOVAKIA

Phone: +421 2 5477 4033 Fax: +421 2 5477 5943

E-mail: measurement2013@savba.sk Web: www.measurement.sk/M2013















9th International Conference

MEASUREMENT 2013

May 27 - 30, 2013 Smolenice Castle, Slovakia

Organized by

Institute of Measurement Science Slovak Academy of Sciences, Bratislava, Slovakia

In cooperation with

Technical University Wien, Austria Faculty of Mechatronics and Machine Building, KUT Kielce, Poland Faculty of Biomedical Engineering, CTU in Prague, Kladno, Czech Republic Faculty of Electrical Engineering and Information Technology, STU Bratislava, Slovakia Faculty of Electrical Engineering, University of Zilina, Slovakia Faculty of Mechanical Engineering, TU Košice, Slovakia

Technical sponsorship

IMEKO TC7 Measurement Science & TC13 Measurements in Biology and Medicine IEEE Czechoslovak section Slovak Metrological Society Slovak National Committee U.R.S.I. Slovak Society of Biomedical Engineering a Medical Informatics

CALL FOR PAPERS

Aim of the Conference

Aim of the conference is to present recent developments in theory of measurement, measuring methods and instrumentation for research, industry and medicine.

The conference will offer an opportunity for exchange of expertise and establishing new professional contacts. Special sessions are aimed to give an insight into selected areas of measurement methods and technologies.

Main Conference Topics

Theoretical Problems of Measurement

- theory of measurement
- mathematical processing of measured data
- measurement uncertainty minimization
- statistical methods in data evaluation and modeling
- measurement as an interdisciplinary activity
- measurement science in education

Measurement of Physical Quantities

- measurement of basic physical quantities
- magnetic and electric fields measurements
- measurement measurement in material science
- measurement of geometrical and mechanical quantities
- measurement in electromagnetic compatibility
- measurement in semiconductors R&D
- measurement in nanotechnology

Measurement in Biomedicine

- biosensors
- bioelectric and biomagnetic fields measurement
- biosignal measurement, processing and analysis
- medical imaging, image processing and technologies
- model based biomeasurements
- neural networks in biomeasurement
- telemeasurement in biomedicine
- measurement in nanomedicine

Conference Program

Scientific program will be composed of invited lectures, oral presentations and posters. Special sessions will be organized under the auspices of the participating institutions and sponsoring professional societies. Outline of the conference program is at www.measurement.sk/M2013.

The conference language is English.

Paper Submission

Camera-ready papers should be submitted in Microsoft Word ".doc" or ".docx" format by March 24, 2013. Authors have to sign-in on the conference web page and upload the paper in requested format. Manusript corrections can be uploaded until the submission deadline. Each paper will be reviewed by at least two reviewers, decision on paper acceptance, necessary corrections or refusal will be announced until March 31, 2013.

Maximum 4 pages are allowed for each paper, one or two papers may be submitted by one registered author. Template paper including all necessary formatting is available on the conference web page www.measurement.sk/M2013.

Registration and Fee Payment

Participants can register for the conference by signing-in and filling the registration form on the conference web page www.measurement.sk/M2013. Registration is valid after payment of the fee is obtained by the conference secretariat.

Early registration fee is **350 EUR** for regular participants, **300 EUR** for IEEE/SMS/URSI members, **250 EUR** for students and **200 EUR** for accompanying persons. Fee includes conference materials, admission to all conference sessions and coffee-break refreshments, welcome reception, banquet and guided excursion. For accompanying persons social program will be organized during the conference sessions.

For registration after April 30, 2013 or on site all fees will be increased by **50 EUR**.

Payment is possible **by bank transfer** or **by credit card.** Details for both methods are shown on the conference web page www.measurement.sk/M2013.

Accommodation and Board

Accommodation and meals in the Smolenice castle can be ordered on the registration form. Accommodation includes breakfast and can be reserved for the period from May 26 until May 30, 2013. Depending on the room type, the price is from 30 to 70 EUR per bed / per night. Lunches and dinners can be ordered for 12 EUR per meal. For actual information on room availability visit the conference web page www.measurement.sk/M2013.

Conference Venue and Transportation

The 9th International Conference on Measurement will be held in the Congress Center of the Slovak Academy of Sciences in the Smolenice Castle situated in Small Carpathians mountains about 60 km from Bratislava.

The original castle was rebuilt in the beginning of the previous century in romantic style. Now, after a large renovation it offers full comfort in several well equipped conference rooms including videoconferencing or wireless network connection. Accommodation is in suites, single, double or more-bed rooms, all with their own bathrooms. Participants can rest in the quiet corners of the castle or in its garden or can walk in nice parks surrounding the castle.





The castle in Smolenice can be reached from Bratislava by bus, taxi or train. Besides the public transport, special free conference buses from/to Bratislava will be organized before and after the conference on May 26 and May 30, 2013.

Bratislava is accessible by plane (airport Bratislava or airport Vienna), by train or by bus.

