



12th International Conference MEASUREMENT 2019

May 27 - 29, 2019
Smolenice Castle, Slovakia

Organized by

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

Technical sponsorship

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

Conference Announcement Call for Papers

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International Program Committee

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Y. V. Chugui, Russia	S. Stolc, Austria
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P. Jurák, Czech Republic	S. Takayama, Japan
B. Kessel, Germany	M. Tarata, Romania
R. Köning, Germany	M. Tyšler, Slovakia
I.C. Lira, Chile	J. Volaufova, USA
J. Markovič, Slovakia	G. Wimmer, Slovakia
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General Information

The conference on measurement science, technologies and devices will be held in Smolenice castle situated in Low Carpathian mountains near Bratislava, Slovakia. The conference topics will cover three main areas: theoretical problems of measurement, measurement of physical quantities and measurement in biology and medicine. Several special sessions and keynote speakers will be published and circulated in the second conference announcement. Conference proceedings will be available at the time of the conference and will be submitted to IEEE Xplore. Selected papers will be invited for publication in extended form in the on-line journal Measurement Science Review.

IMPORTANT DATES

January 1, 2019 - Registration opening
- Paper submission opening

March 29, 2019 - **Extended paper submission deadline**
(.doc or .docx, max. 4 pages, 5 MB)

April 12, 2019 - Notification of acceptance
- Reviewers' comments

April 29, 2019 Deadline for
- guaranteed accommodation,
- early registration rates,
- submission of corrected papers,
- registration with published paper

May 27 - 29, 2019 Conference

Address for Correspondence

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Web: <http://www.measurement.sk/M2019>



Aim of the Conference

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

The conference will offer an opportunity to exchange personal expertise and establish new professional contacts. Special sessions will give insight into selected areas of measurement theory and technologies.

Main Conference Topics

Theoretical Problems of Measurement

- theory of measurement
- mathematical processing of measured data
- uncertainty in measurement
- statistical methods in data evaluation and modeling
- causality in measured time series
- image and signal processing techniques in measurement
- metrology and applications

Measurement of Physical Quantities

- measurement of basic physical quantities
- magnetic and electric fields measurements
- measurement in material science
- measurement of geometrical and mechanical quantities
- measurement in electromagnetic compatibility
- imaging measuring methods
- correlated multimodal measurements
- 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
- nanomeasurement in medicine

Conference Program

Keynote speakers, invited lectures, oral presentations and posters will be included in the conference program. Special sessions will be set up under the auspices of the organizers and sponsoring professional societies. Outline of the conference program and detailed scientific and social program will be announced on the conference website <http://www.measurement.sk/M2019>.

The conference language is English.

Paper Submission

Camera-ready papers should be submitted in Microsoft Word format “.doc”, “.docx” or in LaTeX format **by March 29, 2019**. Authors have to sign-in on the conference website and upload the paper in requested format. Manuscript updates can be uploaded until the submission deadline. Each paper will be reviewed by at least two reviewers. Decision on paper acceptance and suggested corrections will be announced until April 12, 2019.

Maximum 4 pages are allowed for regular papers, one or two papers may be submitted by one registered author. Template paper including all necessary formatting is available on the conference website <http://www.measurement.sk/M2019>.

Registration and Fee Payment

Participants can register for the conference by signing-in and filling the registration form on the conference website <http://www.measurement.sk/M2019>. Registration is valid after the conference fee is paid to the Conference Secretariat.

Early registration fee is **410 €** for regular participants, **360 €** for IEEE /SMS /URSI members, **300 €** for students and **200 €** for accompanying persons. Fee includes conference materials, admission to all conference sessions and coffee-break refreshments, welcome dinner, barbeque and guided excursion. For accompanying persons social program will be organized during the conference sessions. One-day registration fee with basic service is **180 €**.

For onsite or late registration after April 29, 2019 all fees will be increased by **50 €**.

Payment is possible **by bank transfer or by card**. Details for both methods are shown on the conference website <http://www.measurement.sk/M2019>. Onsite registration can be paid by card or in cash.

Accommodation and Board

Accommodation and meals in the Smolenice castle can be ordered in the registration form. Accommodation includes breakfast and can be reserved for the period from May 26 until May 30, 2019. Depending on the room type, the prices are from **36 to 84 € per bed / per night**. Lunches and dinners can be ordered for **15 € per meal**. For actual information on room availability visit the conference website <http://www.measurement.sk/M2019>.

Conference Venue and Transportation

The 12th 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 first half of the 20th century in romantic style. Now, after extensive renovation it offers full comfort of several well equipped conference rooms including videoconferencing and free 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 gardens, 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 bus from/to Bratislava will be organized before and after the conference on May 26 and May 29, 2019.

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

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