



# IMEKO TC4

Iasi, Romania  
September 14-15, 2017



22nd IMEKO TC4 INTERNATIONAL SYMPOSIUM  
20th INTERNATIONAL WORKSHOP ON ADC MODELLING AND TESTING  
Supporting world development through electrical & electronic measurements

**September 14 - 15, 2017, IASI, ROMANIA**

## “GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI FACULTY OF ELECTRICAL ENGINEERING

On behalf of the Programme Committee, it is a great pleasure to invite you to the *22<sup>nd</sup> IMEKO TC4 Symposium* and the *20<sup>th</sup> International Workshop on ADC Modelling and Testing* that will be held in Iasi, Romania on 14-15 September, 2017. Contributions from all research communities working in the field of measurements or in appropriate fields are welcomed to join these events

### Symposium Chair

**Alexandru SALCEANU (Romania)**

### Technical Program Chairs

**Cristian FOSALAU (Romania)**

**Fanel IACOBESCU (Romania)**

### Organizing Committee Chairs

**Marinel TEMNEANU (Romania)**

**Cristian ZET (Romania)**

Direct Current and Low Frequency Measurements

EMC Measurements

Signal Processing for ADC

Resolution Enhancement and Auto-correction

Wireless Sensor Networks

Calibration, Metrology and Standards

### Important dates

Extended abstract submission	<b>April 15, 2017</b>
Notification of the reviewers' decision	<b>June 1, 2017</b>
Final (camera ready) paper submission	<b>July 1, 2017</b>
Payment of Conference fee, (early bird)	<b>August 1, 2017</b>

Special prizes (best papers at the four traditional categories: Best paper, Best poster, Best paper - young researcher first author and Best paper - lady first author) will be also awarded.

Biomedical Measurements

Sensors and Transducers

Measurement and Instrumentation for Industrial Applications

Signal Quantization and Round off

Traceability and International Compatibility of Measurements

Advanced Instrumentation Based on Micro and Nanotechnologies

Power Quality Assessment

Marine Instrumentation Technology

Sensors Interoperability

Embedded Systems

[www.imeko2017.tuiasi.ro](http://www.imeko2017.tuiasi.ro)

Virtual Measurement Systems

Ambient Systems and Computer-Assisted Living

All the accepted papers will be published in the symposium proceedings, with ISBN identification and indexed in Scopus. Improved versions of a very significant number of presented papers will be considered for publication in Measurement, ACTA IMEKO electronic Journal or in the indexed in IDB Journal "Polytechnic Institute Bulletin".

System Identification and Control

Signal and Image processing

Automated Test and Measurement Systems

Waveform Analysis and Measurements

Power and Energy Measurements

Time and Frequency Measurements

Software Measurements

Radio Frequency, Microwave and Millimetre Wave Measurements

### Registration fees

Full registration fee (early bird)	<b>350 EUR</b>
Students and young researchers	<b>175 EUR</b>

Both fees cover: publication for 2 papers, proceedings (electronic version on USB stick), symposium's bag and attendance to all scientific and social events. Extra-paper fee is **35 EUR**. The organizers will offer Welcome cocktail, Lunches, Coffee & Snacks and Banquet Dinner. The 350 € fee also includes a trip (organized on Saturday, September 16th) in Northern Moldavia, for visiting monasteries included in UNESCO world heritage list.

ADC&DAC Testing and Calibration

### Contact

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Auxiliary Circuits for ADC

ADC&DAC Modelling

AD&DA Advanced Techniques, Circuits and Applications

$\Sigma$ - $\Delta$  ADCs and their Applications