24th IMEKO TC-4 International Symposium

22nd International Workshop on ADC and DAC Modelling and Testing

PALERMO, ITALY - SEPTEMBER 14-16, 2020

On behalf of the Organizing Programme Committee, it is a great pleasure to invite you to the **24th IMEKO TC4 International Symposium** and **22nd International Workshop on ADC and DAC Modelling and Testing (IWADC)** that will be held in **Palermo, Italy on September 14-16, 2020**.

IMEKO TC-4 2020 will provide a forum for the dissemination of ideas about electrical and electronic measuring techniques and principles of implementation of information and communication technology for the measurement and enhancement of the accuracy.

IMEKO TC-4 SYMPOSIUM TOPICS

Direct Current and Low Frequency Measurements;
Radio Frequency, Microwave and Millimeter Wave Measurements;
Calibration, Metrology and Standards;
Traceability and International Compatibility of Measurements;
Advanced Instrumentation Based on Micro and Nanotechnologies;
Signal and Image processing;
Waveform Analysis and Measurements;
System Identification and Control;
Embedded Systems;
Ambient Systems and Computer-Assisted Living;
Software Measurements;
Biomedical Measurements;
EMC Measurements;
Power and Energy Measurements;
Power Quality Assessment;
Time and Frequency Measurements;
Automated Test and Measurement Systems;
Measurement and Instrumentation for Industrial Applications;
Marine Instrumentation Technology;
Sensors and Transducers;
Virtual Measurement Systems;
Sensors Interoperability;
Wireless Sensor Networks.

IWADC TOPICS

AD&DA Advanced Techniques, Circuits and Applications;
Σ-Δ ADCs and their Applications;
Auxiliary Circuits for ADC;
ADC&DAC Modelling;
ADC&DAC Testing and Calibration;
Signal Processing for ADC;
Signal Quantization and Roundoff;
Resolution Enhancement and Autocorrection.

PAPER SUBMISSION

We invite you to submit a paper not less than 4 pages in English through this official website.
All papers will be peer-reviewed by the Technical Program Committee and those accepted shall be assigned for either oral or poster presentation.
The accepted papers will be published in Symposium Proceedings and indexed by EI. Improved versions of a very significant number of presented papers will be considered for publication in Special Issues.

Website: www.imeko-tc4-2020.org

IMPORTANT DATES

March 9, 2020 - Extended Abstract Submission Deadline
May 8, 2020 - Extended Abstract Acceptance Notification
June 30, 2020 - Final Paper Submission Deadline

www.**IMEKO-TC4-2020**.org

info@imeko-tc4-2020.org

SPECIAL SESSIONS

IMEKO TC-4 2020 Technical Program Committee solicits proposals for special sessions within the technical scopes of the Symposium.

Special sessions have the main aim of creating a mini-workshop on a specific topic, where researchers working on the same argument can make knowledge, familiarize, exchange ideas, create cooperation.

Researchers interested in organizing special sessions are invited to submit a proposal through the form available at the following URL
www.imeko-tc4-2020.org/special-session-proposal

Proposals should include the session title, a brief description of the scope and motivation, related topics, biographic and contact information of the organizers.

LIVE DEMONSTRATION

The IMEKO TC-4 2020 Symposium will have "*Live Demonstration*" track to allow an interactive and tangible form of presentation, which is quite different from the oral and poster sessions.

The demonstrations will be conducted in presentation booths and ample space will be provided to set up a working system, may it be interactive software on a laptop or a hardware setup. Conference delegates are invited to experience the demonstrations directly, to interact with, play with, and challenge them. Presenters will have the opportunity to show direct proof of their working systems and to create a lasting impression.

Prospective demonstrations could be either be related to the work that has already been published or the one going to be published during the IMEKO TC-4 2020 Symposium.

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LOCAL ARRANGEMENTS

ATHENA SRL
Business and technology consulting

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