



IEEE 7th INTERNATIONAL SYMPOSIUM ON MEDICAL MEASUREMENT AND APPLICATIONS



MeMeA 2012

Call for Papers

**Danubius Hotel Margitsziget, Budapest, Hungary,
Prospective dates: May 18-19**

MeMeA 2012 will be the 7th edition of a series of successful international scientific events:
MeMeA 2011 Bari-Italy, MeMeA 2010 Ottawa-Canada, MeMeA 2009 Cetraro-Italy, MeMeA 2008 Ottawa-Canada,
MeMeA 2007 Warsaw-Poland, and MeMeA 2006 Benevento-Italy.

The 2012 edition of MeMeA will be held in the charming capital of Hungary – Budapest, a place where beauty and technology comes to a crossroad. The goal of this edition is to present novel solutions to instrumentation and measurement problems encountered in modern health care, both from a technological and a medical point of view.

SYMPOSIUM TOPICS INCLUDE:

- Sensors for medical systems/Sensor fusion and calibration
- Biosignal processing
- Imaging and communication
- Measurement and quality control in medical preparations
- Standards for medical applications
- Embedded systems
- Environmental Medicine
- Home automation for disability, injury, disease or old age
- Bioengineering and rehabilitation
- Biomedical robotic methods/Robot-mediated motor therapy
- Ecological model of measurement in medical applications
- Monitoring rehabilitation and accelerometry
- IT in Medicine
- Patient safety/Medical and instrumentation errors

Provisionary Important Deadlines

Extended Abstract Submission	January 18 th
Notification of Acceptance	March 1 st
Full Paper Submission	April 1 st

Authors (engineers, doctors, pharmaceutical technicians, bio-engineering researchers) are invited to submit extended abstracts (4 pages) or draft papers reporting original research of theoretical or applied nature using on-line submission system. It must be prepared in English, according to the preparation guidelines available at the MeMeA 2012 website.

Pharmaceutical houses, producers of equipment and biomedical instrumentation, builders of electronic measurement instrumentation are encouraged to prepare and exhibit their products at the symposium site, by notifying the Conference Secretariat, by 15th Nov. 2011.

Special Issue of IEEE Transaction on Instrumentation and Measurement:

The Special Issue of IEEE Transactions on Instrumentation and Measurement (TIM) on MeMeA 2012 will be published. It will contain papers selected on the basis of the results of regular peer review of the manuscripts. Each manuscript should meet the scope of the TIM and be based on a paper presented and published in the symposium proceedings. However, the manuscript must be significantly extended beyond the scope of the proceedings paper in terms of the overall technical content and research results.

Organized by:

Óbuda University, Budapest

Local Arrangements

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