IEEE 7th INTERNATIONAL SYMPOSIUM
ON MEDICAL MEASUREMENT AND APPLICATIONS

MeMeA 2012
Call for Papers

Budapest, Hungary
Prospective dates: May 18-19 or 21-22

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, under both the technological and the 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

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 published in the symposium proceedings and presented. However, the manuscript must be significantly
extended beyond the scope of the proceedings paper in terms of the overall technical content and research results.

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

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.

Organized by:
Óbuda University, Budapest
Computer and Automation Research
Institute, Budapest

Conference Management
CHRIS DYER and
Conference Catalysts, LLC.
Tel: +1 3528725544
Fax: +1 352 872 5545
E-mail: cdyer@conferencecatalysts.com

TRIVENT CONFERENCE OFFICE
1119 Budapest, Etele út 59-61.
Tel/Fax: +36-1-371-1333
E-mail: trivent@trivent.hu
Web: www.trivent.hu

Website: www.trivent.hu/MEMEA2012