



2006 - 2016 : Back to Benevento

CALL FOR PAPERS FOR THE SPECIAL SESSION

Measurements for the characterization of biomaterials

ABSTRACT

This special session is organized as joint cooperation between TC-17 and TC-25 and deals with all the aspects of the interactions between the world of materials science and chemistry, and the world of medical measurements and applications. Special attention is devoted to cutting-edge measurement and analysis methods for applications across chemistry, biology, materials science imaging and the life sciences and medicine. These are new measurement fields capable of providing innovative solutions to increase the quality of life and improve specific knowledge on patient status from the vital parameters.

CHAIRS



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Sabrina Grassini was born in Italy in 1972. She received her M.S. degree in Chemistry from the Università di Torino, Italy, and her Ph.D. degree in Metallurgical Engineering from Politecnico di Torino, Italy. Currently she is assistant professor in Applied Physical Chemistry with Politecnico di Torino. Her researcher areas include plasma chemistry and reversible coating deposition, sensors for microclimate and environmental monitoring, corrosion and protection of metallic materials and conservation of the cultural heritage.

Marco Parvis was born in Italy in 1958. He received his MS degree in electrical engineering in 1982 from the Politecnico di Torino, Italy, and a Ph.D. degree in Metrology in 1987. He is now full professor of Electronic Measurements at the Politecnico di Torino. He is Fellow Member and chair of the TC 25 Medical Measurement of the IEEE Society on Instrumentation and Measurement. His main fields of interest are: intelligent instrumentation, application of signal processing to measurement, biomedical and chemical measurements.

Jacob Scharcanski is Full Professor in Computer Science at the Department of Electrical Engineering, Federal University of Rio Grande do Sul (UFRGS), Brazil and he is also an Adjunct Professor with the Department of Systems Design Engineering, University of Waterloo, Canada. He authored over 150 refereed journal and conference papers. He is an Associate Editor for two journals. He is a licensed Professional Engineer (PEO, Canada), Senior Member of the IEEE, Member of SPIE, Chair of the IEEE IMS TC-17 (Materials in Measurements) and Co-Chair of the IEEE IMS TC-19 (Imaging Measurements and Systems).

Panayota Vassiliou is full professor of Chemical Engineering at the School of Chemical Engineering, National Technical University of Athens, Greece. She is member of the International Corrosion Council. Her main research interest are: corrosion and protection of materials for industrial and biomedical applications; electrochemical measurements for the study of the corrosion mechanism of metals and alloys; conservation of cultural heritage.

SUBMISSION

Prospective authors must electronically submit a final paper (6 pages, including figures) by January 10, 2016, by pointing out the related Special Session. All papers will receive multiple peer reviews; authors will receive timely notification of paper acceptance. If accepted, final papers must be no more than 6 pages and will be submitted electronically.

Papers must be presented at the conference orally by an author, will appear in the final conference proceedings, and will be indexed in the Scopus citation index.

MORE INFO

For further information, please visit MeMeA2016 website at

 memea2016.ieee-ims.org

BENEVENTO

Benevento, due to the Santa Sofia's Church with its Cloister, has been part of UNESCO World Heritage Sites as "Longobards in Italy. Places of the power".

DATES

- **January 17, 2016** - Submission of Final Paper (5-6 pages) - first version
- **March 10, 2016** - Submission of revised Final Paper
- **April 4, 2016** - Final Submission, Registration

