



*The 27th International Conference on Microelectronics*  
*20-23 December 2015, Casablanca Morocco*



*Call for papers – special session :*  
*Biomedical*  
*For ICM2015*  
*20-23 December 2015*

**Session chair :**

**Prof. Hervé BERVILLER, University of Strasbourg France ([herve.berviller@unistra.fr](mailto:herve.berviller@unistra.fr))**

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Biomedical engineering is developing as a new paramount field, aiming to bring into practical and effective use the engineering design principles to the domain of medicine and biology applications. The increasing numbers of medical activities (in diagnosis, monitoring and therapy) that can benefit from the use of biomedical systems deeply rely on the capacity to design, improve and make them safe. Biomedical engineering aims at achieving this objective. It is a highly interdisciplinary field. Biomedical systems already span in a wide diversity of devices and apparatus as different as prosthetic arms, medical imaging equipment, artificial heart, insulin pump, etc.

This special session will give the opportunity for researchers in academics and industry to present their most recent achievements in biomedical engineering. ICM'15 will provide a high level international forum for scientists, researchers, industrial professionals, and students who will present state-of-the-art research results, address new challenges, and discuss trends in biomedical. Unpublished research papers are solicited, topics of interest including (but not being limited to):

- Medical Imaging and Image Processing
- Pattern Analysis For Biomedical Applications
- Biomedical Devices, Sensors and Instrumentation
- Computer Aided and Automated Diagnosis
- Neuroimaging, Neuroengineering
- Health Monitoring Devices
- Telemedicine, Telehealth
- Robotics

**Submission**

Please submit your full paper choosing the right track on the EDAS site : [www.ieeeicm2015.org](http://www.ieeeicm2015.org)

Full paper submission:

~~20 September Anywhere on Earth GMT-12)~~

**11 October 2015**

Notification of acceptance:

**25 October 2015**

Camera-ready submission:

**8 November 2015**

