

Call for Papers

The conference is devoted to sensing, measurement, analysis and understanding of biological substances and systems. Conference papers are expected to cover:

- Investigating of electromagnetic phenomena in biological cells, tissues, organs and organisms;
- Studying of biological and physiological processes through electrical or magnetic sensing, including optoelectric, acoustoelectric and other associated sensing methods;
- Developing and using of biomedical technologies (methods, systems, devices) for diagnostic and therapeutic purposes:
 - Electrography and magnetography (ECG, EEG, EMG, etc);
 - Electric and magnetic stimulation (heart, brain, neural system);
 - Methods for electrical and magnetic sensing;
 - Implantable and wearable medical devices (monitors of cardiac, respiratory and brain activities, pacemakers etc.);
 - Electromagnetic and electro-optic principles for fluidic instruments (lab-on-a-chip devices and other sensors and analyzers);
 - Scientific instruments (electrical, magnetic, opto-electronic, magneto-electronic);
 - Electrical bioimpedance based diagnostic methods and instruments.

Two kind of conference papers are envisaged:

- (1) – regular 4-page ones for presenting the mature scientific results, and
- (2) – short 2-page papers for introducing fresh ideas and still provisional results.

All the conference papers will be published in the Conference Proceedings in digital form. After additional peer reviewing, the presented papers can be published in International Journal of Bioelectromagnetism (Prof. Kazuo Yana, Hosei University, Japan) or in Journal of Bioimpedance (Prof. Orjan Martinsen, University of Oslo, Norway) in a substantially extended and completed form.

Important Dates

Submission deadline: May 4, 2015

Number of pages: 2 (short paper) and 4 (full paper)

Format: Strictly according to the IEEE Manuscript Template for Conference Proceedings

Language: English

Notification of acceptance: May 29, 2015

Registration deadlines:

- Reduced fee registration: June 10, 2015
- Late registration: June 15, 2015