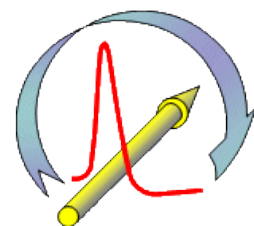




# ICBEM & RGC 2018

**11<sup>th</sup> International Conference on Bioelectromagnetism &  
13<sup>th</sup> Russian-German Conference on Biomedical Engineering**

Aachen, Germany, 23 - 25 May 2018



## Call for Papers

The 11<sup>th</sup> International Conference on Bioelectromagnetism (ICBEM) will be held jointly with the 13<sup>th</sup> Russian-German Conference on Biomedical Engineering (RGC) in Aachen, Germany, on 23-25 May 2018 under the auspices of the International Society for Bioelectromagnetism (ISBEM). The ICBEM & RGC 2018 provides a platform for researchers all over the world to share their experience regarding their work in the broad field of bioelectromagnetism. The following topics will be addressed (but are not limited to) at ICBEM & RGC 2018:

- Bioelectric and biomagnetic phenomena
- Mathematical and computer models
- Theory and algorithms in the forward problem
- The inverse problem and source imaging
- Mapping techniques
- Electro- and magnetocardiography
- Electro- and magnetoencephalography
- Electromyography
- Bioelectromagnetic measurement and instrumentation
- Bioelectric and biomagnetic signal processing
- Brain-computer interfaces (BCI)
- Electrical impedance tomography (EIT)
- Electrical bioimpedance
- Electric and magnetic stimulation

The author guidelines and layout templates for preparing the contributions are given on the website. Contributions can comprise up to four (4) pages in length. All contributions will be published as conference proceedings with an ISBN number, which will be made available as a supplement to the International Journal of

### Important Deadlines:

Special Session proposals	01.12.2017
Full paper submission	15.01.2018
Notification of acceptance	28.02.2018
Final paper submission	31.03.2018
Early registration	15.04.2018

Bioelectromagnetism ([www.ijbem.org/](http://www.ijbem.org/)) and are visible online with DOI on the publication server of RWTH Aachen University.

### Conference chairs

Chair: Prof. Dr.-Ing. Dr. med. Steffen Leonhardt, Philips Chair for Medical Information Technology (MedIT), RWTH Aachen University, Germany

Co-Chair: Prof. Jaakko Malmivuo, PhD, Chair of Electronics and Medical Signal Processing (EMSP), Technische Universität Berlin, Germany

### Conference website

<http://icbem2018.rwth-aachen.de/>

### Society and previous conferences

<http://www.isbem.org/>

### Contact

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