



IEEE EUROCON 2017
17th IEEE International Conference on Smart Technologies
6 – 8 July 2017 Ohrid, Republic of Macedonia
<http://eurocon2017.org/Home/SpecialSessions>

Call for Paper (CfP)
Special Session STA–3:
"Bioelectromagnetic Medicine and Bioinformatics"

Important Date: Full paper submission deadline 31 December 2016

Outline:

Electromagnetic field plays an essential role in contemporary medicine, especially in orthopaedics, rehabilitation and neurology. The electromagnetic field is involved both in therapy and diagnostics, and used wide spectrum of frequency, from static magnetic or electric field to the range of GHz. Also, in the contemporary medicine the bioinformatics is widely used, for example in medical images analysis, computer analysis of some changes in organism, like movement in rehabilitation processes. There are also the big areas of medicine, which are telemedicine or IoT, in which both electromagnetic processes and computer analyses are essentially involved. It is the roughly scope of the Special Session and the papers concern the topics mentioned above are welcome. It does not mean, however, that the Session is closed for the papers which are not strongly linked with the topics mentioned. There are so many ideas which link very different areas of science, medicine and technology that one can expect also quite unexpected topics of the papers submitted.

Topics

- bioelectromagnetism
- Bioelectromagnetic medicine
- bioinformatics
- telemedicine
- internet of things

Chair: Andrzej Krawczyk, Częstochowa University of Technology, Military Institute of Medicine, Poland (ankra.new@gmail.com)

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Types of papers:

- research papers (academic or industrial)
- student research papers (the first author must be a MSc or PhD student at the time of initial paper submission)
- professional papers and presentations

Paper Submission: In order to upload the pdf version of your paper please visit

<https://easychair.org/conferences/?conf=ieeeeurocon2017> The working language of the conference is English. The research contributions must be original, have neither been nor are intended to be published elsewhere during the review period. Papers should strictly follow IEEE format and be limited to 6 pages. All submissions will be refereed by experts in the field. The quality of the research papers will be assessed based on its originality, significance and

clarity. Authors should indicate their preference in oral or poster presentation (the chairs, based on the reviewers recommendations, can change the presentation type). Only presented research papers (academic, industrial and student) satisfying all IEEE standards will be submitted to the **IEEEXplore** database (indexed by Inspec, Ei Compendex, Scopus, Web of Science and Google Scholar) and are eligible for further submission to IEEE journals.

IEEE EUROCON 2017 Student Paper Competition: The student papers are research contributions where the first author must be a MSc or PhD student at the time of initial paper submission. These paper submissions are automatically entering the Student Paper Competition. The EUROCON 2017 Best Student Paper Award is a tablet computer.

For more information please visit the conference web page:

<http://eurocon2017.org/Home/PaperSubmission>