



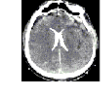
**GRIGORE T. POPA UNIVERSITY OF
MEDICINE AND PHARMACY IASI**



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E-HB

CALL FOR PAPERS

EHB 2017 – IEEE INTERNATIONAL CONFERENCE ON

E-HEALTH AND BIOENGINEERING

6-th edition

Sinaia, Romania

June 22-24, 2017

Venue:

Palace Hotel, Sinaia, Romania

No. 4, Octavian Goga street, Prahova county, Romania

Tel. / Fax: (+)40-0244.311542; email: office@palacesinaia.ro

Website: www.ehbconference.ro

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Aim and goals

The main objective of EHB 2017 is to cover a broad spectrum of up-to-date topics of e-Health and Medical Bioengineering/Biomedical Engineering by giving the opportunity to scientists from diverse fields to participate in the presentation, discussion and evaluation of the latest advances, research challenges, and opportunities in hardware/software technologies, medical devices/instrumentation, biosignal and image processing, biomaterials, biomechanics, biotechnologies, bioinformatics, micro and nanotechnologies, systems biology or virtual physiological human (and this list is not exhaustive). Active participation from research scientists, students, business professionals, and medical system leaders is also expected to generate productive ideas, links between industry and academia and partnerships for national and European programs, of which Horizon 2020 is of special importance.

Topics

- *Medical records, clinical, epidemiological and multimedia data bases*
- *Medical imaging, image processing and analysis*
- *Biosignal processing*
- *Hospital information systems and healthcare networks*
- *Telemedicine, e-health and telecommunications*
- *Wearable systems and sensors, m-health and p-health systems*
- *Internet in healthcare and medical web portals*
- *Decision support systems and artificial intelligence in medicine*
- *Bioinformatics*
- *Computational biology*
- *Biomechanics*
- *Biomaterials*
- *Micro and nanotechnology for medicine*
- *Medical physics and biophysics*
- *Chemistry applied in medicine*
- *Medical devices and equipment*
- *Measurement and instrumentation in bioengineering*
- *Health technology assessment*
- *Rehabilitative and assistive technologies*
- *Electromagnetic compatibility*
- *Biotechnologies in medicine*
- *Instrumental analysis and Laboratory technologies*
- *Molecular bioengineering*
- *Bioengineering in dental and oral health*
- *Multimedia applications for medical and healthcare education and e-learning*
- *Systems biology*
- *Modeling and simulation methodologies*
- *Virtual physiological human*
- *Neurosciences*
- *Management and marketing in healthcare*
- *Environmental protection and management. Impacts on health and safety*
- *Ethical and legal aspects of e-health and telemedicine*
- *Biomedical sciences communication and career development*

Workshops:

- *Modern methods of learning and research in dental medicine.*
- *New advances in motor-recovery neurotechnology by means of Brain-Computer Interfaces, Functional Electrical Stimulation and Exoskeletons to support the upper limb rehabilitation in stroke patients.*
- *Implications of Nanofibres and Nanocomposites in Nowadays Dental Medicine.*
- *Medicine and Informatics.*

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Papers submission and presentation

Full and original papers should be 4 pages in length, in conference style. *Important date:* your *full papers* are due on-line till *March 1-st 2017* on EasyChair-EHB2017 website. The reviewed, selected and presented papers at conference venue will be indexed in IEEE Xplore® and submitted to ISI Proceedings (Conference Proceedings Citation Index, Thomson Reuters) data bases. Selected and extended papers will be proposed to be published in journals with Thomson Reuters impact factor.

Conference fees: 300 EUR (1400 RON) / 200 EUR (900 RON - for students), payable to “SOCIETATEA ROMANA DE BIOINGINERIE MEDICALA”, Iasi, str. M. Kogalniceanu 9-13, CIF: 19153366, IBAN account: **RO29BRDE240SV65426852400, BRD Iasi, "Taxa Conferinta - EHB 2017"** (1400/900 RON) or **RO64BRDE240SV28920202400, BRD Iasi, “Conference fee – EHB 2017”** (in EUR), no later than 20 April 2017. BRD Bank has SWIFT code: BRDEROBU