

2013 IEEE CONFERENCE E-HEALTH AND BIOENGINEERING Iaşi, Romania, November 21-23th, 2013

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 (from 1-st June to 31-th July) on EHB website www.ehbconference.ro/openconf

The reviewed, selected and presented papers at conference venue will be indexed in IEEE Xplore[®], ISI-Proceedings, SCOPUS and INSPEC (IET) data bases.

Conference fees: 250 EUR / 150 EUR (for students), payable to

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EHB 2013 - IEEE INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING

4-th edition Iași, Romania

November 21-23th, 2013 www.ehbconference.ro



Venue:

Grigore T. Popa University of Medicine and Pharmacy,
Universității No.16, Iași, Romania
Tel. / Fax: (+)40-232-213573
e-mail: ehb2013@ehbconference.ro

Organizers:

Grigore T. Popa University of Medicine and Pharmacy, Iași, Romania (UMF) Faculty of Medical Bioengineering (FBIM)
Romanian Society of Medical Bioengineering (SRBM)
IEEE Romania Section
IEEE-EMB Romania Chapter
Institute of Computer Science of Romanian Academy Iași Branch



Honorary chair: Prof. Nicolas Pallikarakis University of Patras, Greece

General Chair: Prof. Hariton Costin e-mail: hcostin@gmail.com

Aim and goals

The main objective of EHB 2013 is to cover a broad spectrum of up-to-date topics of e-Health and Medical Bioengineering 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, biotmaterials, biomechanics, biotechnologies, and for some younger domains like bioinformatics, systems biology or virtual physiological human. Active participation from research scientists, students, business professionals, and medical system leaders is also expected to generate productive ideas between industry and academia and partnerships for national and European programs.



Topics

- Medical records, clinical, epidemiological and multimedia data bases
- Medical imaging, image and biosignal processing and analysis
- 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
- Medical physics and biophysics
- Medical devices and equipment
- Measurement and instrumentation in bioengineering
- Health technology assessment
- Electromagnetic compatibility
- Biotechnologies
- 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
- Ethical and legal aspects of e-health and telemedicine

Workshops:

- Modern methods of learning in dental medicine
- Physical education and sports in health care and rehabilitation

Ivaylo Christov - Bulgarian Academy of Science, Sofia, Bulgaria



International Scientific Committee

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