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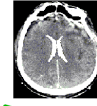
INSTITUTUL DE  
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IAȘI - ROMÂNIA



International Society for  
Telemedicine & eHealth



e-HEALTH

**CALL FOR PAPERS**  
**EHB 2015 – IEEE INTERNATIONAL CONFERENCE ON**  
**E-HEALTH AND**  
**BIOENGINEERING**  
**5-th edition**

*Iași, Romania*  
**November 19-21, 2015**

**Venues:**

*Grigore T. Popa University of Medicine and Pharmacy, Iași, Romania*  
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*Traian-Astoria Hotels, Iași, Romania*  
e-mail: [ehb2015@ehbconference.ro](mailto:ehb2015@ehbconference.ro)

**Organizers:**

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

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**Grigore T. Popa University of Medicine and Pharmacy, Iași, Romania**

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**Georgeta Zegan** – UMF Iași, Faculty of Dental Medicine, Romania

## **Aim and goals**

The main objective of EHB 2015 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, biomaterials, biomechanics, biotechnologies, and for some younger domains like bioinformatics, micro and nanotechnologies, 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, 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 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*
- *Micro and nanotechnology for medicine*
- *Medical physics and biophysics*
- *Medical devices and equipment*
- *Measurement and instrumentation in bioengineering*
- *Health technology assessment*
- *Rehabilitative and assistive technologies*
- *Electromagnetic compatibility*
- *Biotechnologies in medicine*
- *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*
- *Assistive technologies for people with disabilities*

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H. Costin, D. Zaharia, Liliana Vereștiuc, Anca Galaction, Gladiola Andruseac, C. Rotariu, R. Ciorap, Anca Lazăr, C. Corciovă, D. Boldureanu, F. Adochiei, Ioana Edu, Mariana Rotariu, D. Andrițoi, Diana Costin, Vera Bălan, Alexandru Păsărică, Association of Bioengineers Students (ASB).

#### **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 during *July (from 10-th to 31-th)* on EHB 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.

**Conference fees: 250 EUR/150 EUR (700 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 2015**” (1130 RON) or **RO64BRDE240SV28920202400**, BRD Iasi, “**Conference fee – EHB 2015**” (in EUR), no later than 15 October 2015. BRD Bank has SWIFT code: BRDEROBU