

**Title** **the IEEE International Conference on e-Health and Bioengineering, EHB 2013 - IEEE #32022**

Event Category Professional

Event Sub-category Professional (Other)

**Description** The 4-th edition of this biannual conference is organized by Grigore T. Popa University of Medicine and Pharmacy of Iași and Romanian Society of Medical Bioengineering, under the aegis and technical sponsorship of the IEEE (Please visit [www.embs.org](http://www.embs.org) to participate in other conference opportunities), IEEE Romania Section and IEEE-EMB Romania Chapter, and co-organized by the Institute of Computer Science of Romanian Academy Iasi Branch. The conference is mainly dedicated to the e-health systems, medical bioengineering and biomedical engineering. Its specific goals are to promote concepts and advanced hardware and software technologies in the emerging domains of e-health, medical devices and instrumentation, biosignal and image processing, medical informatics, biomechanics, biomaterials, biotechnologies, medical physics, healthcare management, teaching and (e)learning, rehabilitative and assistive technologies, as well as in some younger disciplines such as bioinformatics, systems biology and the virtual physiological human.

**Keywords** E-health, medical devices and instrumentation, biosignal and image processing, medical informatics, biomechanics, biomaterials, biotechnologies, medical physics, healthcare management, teaching and (e)learning, rehabilitative and assistive technologies, as well as in some younger disciplines such as bioinformatics, systems biology, virtual physiological human

Guest Attendance 200

IEEE Member Attendance 65

Admission Charge true

Invite Students true

Start Time 2013-11-22 10:00:00

End Time 2013-11-22 11:00:00

Time Zone Europe/Bucharest

Cosponsor Name Romanian Section, EMB Society and EMB National Chapters

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## Location

Region 8

Section ROMANIA

OrganizationalUnit EMB18

City Iasi

State/Province Iasi  
Country Romania

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## 1st Speaker

Topic Plenary lecture: Computer-aided Detection, Modeling, and Analysis of Retinal Vascular Architecture for the Diagnosis of Retinopathy  
Prefix Prof.  
First Name Rangaraj  
Middle Name M.  
Last Name RANGAYYAN  
Display Name Prof. Rangaraj M. RANGAYYAN  
City Calgary, Alberta  
Country Canada  
State/Province Alberta  
E-Mail Address ranga@ucalgary.ca  
Organization University of Patras, Department of Medical Physics, Greece, Medical Physics and Biomedical Engineering

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## 2nd Speaker

Topic Plenary lecture: Mathematical and Numerical Modeling in Thoracic Electrical Bioimpedance Investigation  
Prefix Prof.  
First Name Alexandru  
Middle Name M.  
Last Name MOREGA  
Display Name Prof. Alexandru M. MOREGA  
City Bucharest  
Country Romania  
State/Province Municipiul Bucuresti  
E-Mail Address alexandru.morega@iem.pub.ro  
Organization University POLITEHNICA of Bucharest, Department of Electrical Engineering, Department of Medical Engineering

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