Fostering Innovation in Healthcare Services
International INSEED Workshop

Date: March 14 - 15, 2012
Venue: Conference Centre, University Transilvania of Brasov, room Aula, UI2, UI3, 41A Iuliu Maniu Street, Brasov

<u>Agenda</u>

March 14

9:30 – 10:00	Registration, welcome coffee
10:00 – 10:30	INSEED - A Strategic Project Fostering Innovation in Services through Open, Continuous Education – *Professor Theodor Borangiu, University Politehnica of Bucharest, Director of the INSEED Project*
10:30 – 11:00	Impact of Information Technology on the Quality of Health Services, *Professor Radu Dobrescu, University Politehnica of Bucharest, Head of the Automation and Industrial Informatics Dept.*
11:00 – 11:20	Coffee Break
11:20 – 11:50	Wireless Sensor Network Applications in Healthcare, *Professor Peter Planinsic, University of Maribor*
11:50 – 12:20	Actual Problems in Robotized Surgery, *Professor Catalin Vasilescu, Dr. Stefan Tudor, University of Medicine Carol Davila, Bucharest*
12:20 – 12:50	Education and Research in Medical Engineering at the University Politehnica of Bucharest, *Professor Sorin Kostrakievici, University Politehnica of Bucharest*
12:50 – 14:20	Lunch
14:20 – 14:50	Integrated Tele Assistance Systems, *Dr. Sorin Puscoci , National Communications Research Institute - INSCC, Bucharest*
14:50 – 15:20	Prognostic and Diagnostic Value of Transcranian Magnetic Stimulation in Motor Dysfunctions of Central Origin, *Professor Cristian Dinu Popescu , Dr. in Medicine, University of Medicine and Pharmacy GT Popa OF Iasi & Clinical Rehabilitation Hospital of Iasi*
15:20 – 16:00	Human Brain-Computer Communication and their Applications, *Professor Marian Poboroniuc, Faculty of Electrical Engineering, Technical University Gheorghe Asachi of Iasi*
16:00 - 18:30	Practical demonstrations with Brain-Computer Interface (BCI), *Professor Marian Poboroniuc, PhD Student Danut Irimia, Technical University Gheorghe Asachi of Iasi*

March 15

9:30 – 10:00	Registration
10:00 – 10:30	Human Authentication Techniques in Ambient Intelligence Systems - *Assoc. Professor Silvia Anton, University Politehnica of Bucharest*
10:30 – 11:00	Natural-like Human-Personal Robot Interaction through Visual Gestures Interpretation - *Professor Theodor Borangiu, University Politehnica of Bucharest*
11:00 – 11:30	Coffee Break
11:30 - 12:00	GPGPU based improved search method dedicated to telemedicine services - *Assoc. Professor Stefan Mocanu, University Politehnica of Bucharest*
12:00 - 12:30	The Healthcare Integration Framework: from Clinical Knowledge to Decision Support Systems - *Professor Ileana Constantinescu, Dr. in Medicine, University of Medicine Carol Davila of Bucharest*
12:30 - 13:00	Mobile and Service-Oriented Approaches for Remote Connection to Medical Records - *Professor Anca Ionita, University Politehnica of Bucharest*, *Principal Lecturer Yanguo Jing, London Metropolitan University*
13:00 – 13:30	Problems in Image Processing of Medical Images - *Professor Dan Popescu, University Politehnica of Bucharest*
13:30 – 14:30	Lunch
14:30 – 17:30	Parallel Session A: Human – Computer Interaction
14:30 – 17:30	Parallel Session B: Information Systems in Healthcare
14:30 – 17:30	Parallel Session C: Intelligent Information Technologies for Research in Medicine