



EUROPEAN COMMISSION
Executive Agency
Education, Audiovisual & Culture

TEMPUS IV

CRH-BME

Curricula Reformation and Harmonisation in the field of Biomedical Engineering

Workshop on Education and Research in Biomedical Engineering

10th October 2011
Zagreb, Croatia

Venue: University of Zagreb
Faculty of Electrical Engineering and Computing

Partner Institutions:

1. University of Patras
2. Vrije Universiteit Brussel
3. Technical University of Varna
4. Masaryk University in Brno
5. Tallinn University of Technology
6. University of Oulu
7. Institute of Biomedical Technology
8. Technical University of Crete
9. Budapest University of Technology and Economics
10. University of Bologna
11. University of Naples - Federico II
12. Riga Technical University
13. West Pomeranian University of Technology
14. University "POLITEHNICA" of Bucharest
15. University of Ljubljana
16. Universidad Politécnica de Madrid
17. Karolinska University Hospital
18. University of Zagreb, Faculty of Electrical Engineering
19. Orbeli Institute of Physiology
20. Khazar University
21. Georgia Technical University
22. University of Strathclyde

Preliminary Agenda

Monday, 10th October 2011

<p>9.30 – 10:00</p>	<p>Official opening of the workshop Welcome addresses Nedjeljko Perić, Dean of the University of Zagreb FER Zhivko Bliznakov, Project lead partner Stanko Tonković, HATZ and CROMBES representative Ratko Magjarević, host</p>
<p>10:00 – 10:30</p>	<p>Rita Stagni, <i>University of Bologna</i> Motion analysis to support clinical decision process</p>
<p>10:30 – 11:00</p>	<p>Ákos Jobbágy, <i>Budapest University of Technology and Economics</i> Habilitation Aid for Children with Balance Disorders</p>
<p>11:00 – 11:15</p>	<p>Coffee break</p>
<p>11:15 – 11:45</p>	<p>Tomaž Jarm, <i>University of Ljubljana, Faculty of Electrical Engineering</i> Effects of electroporation and electrochemotherapy on tumor blood flow</p>
<p>11:45 – 12:15</p>	<p>Eija Vieri-Gashi, <i>University of Oulu</i> Blood Pressure Variation Measured by the Electronic Palpation Method and Compared to Intra-Arterial Variation</p>
<p>12:15 – 12:45</p>	<p>Joe Barbenel, <i>University of Strathclyde Glasgow, UK</i> A Biomedical Engineering profession</p>
<p>12:45 – 13:15</p>	<p>Krzysztof Penkala, <i>West Pomeranian University of Technology, Szczecin, Faculty of Electrical Engineering</i> Education and research in BME at the FEE WPUT, with special emphasize on student activities - BME Student Research Group "Akson"</p>
<p>13:15 – 13:30</p>	<p>Discussion</p>

13:30 – 14:30	Lunch break
14:30 – 15:30	<p>BME research and education in Croatia S. Lončarić, M. Subašić, T. Petković, H. Kalinić, <i>Uni Zg, Faculty of EE & Comp.</i> Image Processing Group: Research Activities in Medical Image Analysis</p> <p>Vladimir Medved, <i>Uni Zg, Faculty of Kinesiology</i>, Human locomotion measurement and analysis laboratory</p> <p>Željka Lučev, <i>Uni Zg, Faculty of EE & Comp.</i>, Intrabody communication Research</p> <p>R. Magjarević, I. Lacković, S. Sovilj, L. Celić, <i>Uni Zg, Faculty of EE & Comp.</i>, Biomedical Instrumentation: education. Laboratories, research</p>
15:30 – 16:00	Discussion
16:00 – 17:30	<p>Lab visit – University of Zagreb Faculty of Electrical Engineering and Computing Laboratory for Biomedical Instrumentation Laboratory for Image Processing</p> <p>School of Medicine Laboratory for Somatosensory Evoked Potentials</p>
	Closing of the Meeting