



Bilateral Croatian-Chinese Project
“Research of Intrabody Communication for Body Area Networks”

International Workshop on Intrabody Communication

27th May 2013

University of Zagreb
Faculty of Electrical Engineering and Computing
room D160

Partner Institutions:

University of Zagreb, Faculty of Electrical Engineering and Computing
Fuzhou University, School of Physics and Information Engineering
University of Macau, Faculty of Science and Technology

Endorsed by:

International Federation for Medical and Biological Engineering
Croatian Medical and Biological Engineering Society
IEEE Engineering in Medicine and Biology Society
IEEE Instrumentation and Measurement Society
IEEE Antennas and Propagation Society



Preliminary Agenda

Monday, 27th May 2013

10:00–10:10	Mario Cifrek University of Zagreb, Faculty of Electrical Engineering and Computing Welcome address
10:10–10:30	Željka Lučev Vasić , Igor Krois, Silvio Hrabar, Mario Cifrek University of Zagreb, Faculty of Electrical Engineering and Computing Measurements of Capacitive Intrabody Communication Channel
10:30–10:50	Yueming Gao Fuzhou University, School of Physics and Information Engineering Simulations of the Galvanic Intra-body Communication
10:50–11:10	Mang I Vai University of Macau, Faculty of Science and Technology Network modeling of Intra Body Communication for Implanted Devices
11:10–11:40	Coffee break
11:40–12:00	Toni Šarić , Josip Lončar, Vladimir Bachler, Nikola Luburić, Saša Tepić University of Zagreb, Faculty of Electrical Engineering and Computing Authentication System Based on Intrabody Communication
12:00–12:20	Branimir Ivšić , Davor Bonefačić, Juraj Bartolić, Zvonimir Šipuš University of Zagreb, Faculty of Electrical Engineering and Computing Challenges in the design of wearable textile antennas
12:20–12:40	Igor Vitas , Dina Šimunić University of Zagreb, Faculty of Electrical Engineering and Computing RF Signal Space-Localization System of Video Capsule Endoscopy in the Human Body