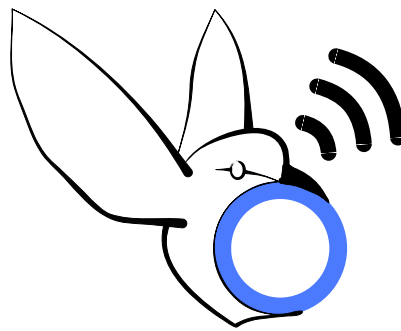




Joint International Workshop of  
University of Zagreb Faculty of Electrical Engineering and Computing  
and  
Nalecz Institute of Biocybernetics and Biomedical Engineering,  
Polish Academy of Sciences



## **TECHNICAL SUPPORT FOR DIABETIC PATIENTS**

Organisation: **Prof. Jan M. Wójcicki**, Warsaw, Poland  
**Prof. Ratko Magjarević**, Zagreb, Croatia

Supported by:

Clinical hospital "Merkur", University Clinic for Diabetes, Endocrinology and Metabolic  
Diseases "Vuk Vrhovac"  
Croatian Medical and Biological Engineering Society

Venue: Congress Centre  
University of Zagreb Faculty of Electrical Engineering and Computing

Zagreb, 13 September 2010

## Program

13:00 Opening Ceremony

Chairs: **Prof. Jan M. Wójcicki, Prof. Ratko Magjarević**

### Session I: TeleHomeCare Systems

13:15 Opening Lecture: „Overview of Technology for Diabetes Telehomecare“

**Prof. Jan M. Wójcicki**, Polish Academy of Sciences, Nalecz Institute of Biocybernetics and Biomedical Engineering, Warsaw, Poland

13:45 „Usability of Glucometer Stored Data for Diabetic Patients Monitoring in Clinical Practice“

**Prof. Željko Metelko**, University of Zagreb Medical Faculty, University Clinic for Diabetes, Endocrinology and Metabolic Diseases “Vuk Vrhovac”, Zagreb, Croatia

14:00 „Personalized Intelligent Mobile Health System – Application for Diabetic Patients“

**Prof. Ratko Magjarević**, University of Zagreb Faculty of Electrical Engineering and Computing, Zagreb, Croatia

14:15 *Coffee break*

### Session II: Diabetes TeleHomeCare in Croatia – How Can ICT Improve Diabetes Self-control and Home Care

14:30 Electronic Diabetic Diary – Croatian version

**Ivan Paladin, mag.ing.comp., Prof. Ratko Magjarević**, University of Zagreb Faculty of Electrical Engineering and Computing, Zagreb, Croatia

14:45 Demonstration of the Personalized Intelligent Mobile Health System for Diabetic Patients

**Darko Trogrlić, mag.ing.eit, Luka Celić, Prof. Ratko Magjarević**, University of Zagreb Faculty of Electrical Engineering and Computing, Zagreb, Croatia

### 15:00 Round Table Discussion

Moderators:

**Prof. Vedran Bilas**, University of Zagreb Faculty of Electrical Engineering and Computing, Zagreb, Croatia

**Prim. Dr. Manja Prašek**, University of Zagreb Medical Faculty, University Clinic for Diabetes, Endocrinology and Metabolic Diseases “Vuk Vrhovac”, Zagreb, Croatia

**Davor Bučević, prof.**, Croatian Diabetic Association, Zagreb, Hrvatska

Invited: Representatives of Croatian Medical Association, Croatian Nurses Association, Croatian Diabetic Association Alliance, Croatian Chamber of Economy, Industry, Small and Medium Enterprises

15:30 *Coffee break*

### Session III: Development of Technologies for the Future

15:45 „Implantable devices for blood glucose monitoring“

**Dr. Matthew Steinberg**, Erasmus Technology LLP, UK

16:05 „Microsystems and electromechanical artificial pancreas“

**Prof. Jan M. Wójcicki**, Polish Academy of Sciences, Nalecz Institute of Biocybernetics and Biomedical Engineering, Warsaw, Poland

16:30 Concluding remarks and recommendation