



Joint HiPEAC-HuRo workshop

Politehnica University of Timisoara,

February 12, 2014

Room A109, A110

09:00-09:10 Welcome message and UPT presentation, Vice-rector Prof. Mircea POPA, Politehnica University of Timisoara, Romania. **(Room A109)**

Section 1 - Research networks - building long term partnerships to access Horizon 2020 grants (Room A109)

09:10-9:40 HiPEAC network presentation. HiPEAC vision and strategy for addressing projects in Horizon 2020, Prof. Koen de Bosschere, HiPEAC Coordinator, Computing Systems Lab, Ghent University, Belgium.

09:40-10:00 A Successful EU-Project, Prof. Attila Bilgic, Ruhr University Bochum, Germany.

10:00-10:20 HPC support in H2020, Prof. Dana Petcu, West University of Timisoara and Director of eAustria Institute, Romania.

10:20-10:40 Scalable architectures and networked storage research at ICS-FORTH, Prof. Kostas Magoutis, Computer Science Foundation for Research and Technology-Hellas, Greece.

10:40-11:00 National Programme for Research and Innovation, Prof. Romeo Resiga, Politehnica University of Timisoara, Romania.

Coffee break

Section 2 - Partnership between academia and local industry (Room A109)

11:10-11:40 Academia to industry technology transfer and IP in domain of Computer Systems, Prof. Rainer Leupers, Institute for Communication Technologies and Embedded Systems, Aachen, Germany

11:40-12:00 Research partnership between academia and local industry, Prof. Sergiu Nedevschi, Vice-Rector, Computer Science & Engineering Department, Technical University of Cluj-Napoca, Romania

12:00-12:20 Accessing EU funds by SMEs - Romania Western Region ITC Cluster, Delia Golcea, Oce Timisoara, Romania

12:20-12:40 Research and innovation in SMEs, Horia Damian, General Manager of Lasting Software, Timisoara, Romania.

Section 2 - HURO JCBICS - Joint Cross-Border Internet Communication System of the University of Debrecen and UPT (Room A110)

11:10-11:40 Hungary-Romania cross border joint projects - building the new infrastructure for future research projects, Prof. Zoltan Gal, Center of Arts, Humanities and Sciences, University of Debrecen, Hungary.

11:40-12:00 WiFi network integration within UPT infrastructure, Sorin Julean, IT infrastructure manager, Politehnica University of Timisoara, Romania

12:00-12:20 Practical experience of the new WiFi, firewall and IP streaming system of the HURO/1101/174/1.2.1 project, Tamas Balla, University of Debrecen, Hungary

12:20-12:40 Security aspects of wireless networks, Marian Salavat, PhD student, Politehnica University of Timisoara, Romania.

Section 3 - EU research grants and Trans-Regional collaboration (Room A109)

14:00-14:20 CHIST-ERA projects & GEMSCCLAIM - GreenEr Mobile Systems by Cross Layer Integrated energy Management, Prof. Thomas Fahringer, Institute of Computer Science, University of Innsbruck, Austria

14:20-14:35 EU Research projects of e-Austria Institute Timisoara, PhD. Daniel Pop, West University of Timisoara and eAustria Institute, Romania.

14:35-14:50 FET-OPEN projects & iRisc - Innovative Reliable Chip Designs from Low-Powered Unreliable Components, PhD Alexandru Amaricai, Politehnica University of Timisoara, Romania.

14:50-15:05 LBUS Framework for (Computer Architecture) Multi-Objective Optimization using Domain Knowledge, Prof. Lucian Vintan, Computer and Electrical Department, Lucian Blaga University of Sibiu, Romania

15:05-15:20 France - Romania projects & DIAMOND - Message Passing Iterative Decoders based on Imprecise Arithmetic for Multi-Objective Power-Area-Delay Optimization, PhD Oana Boncalo, Politehnica University of Timisoara.

Coffee break

Section 4 - Research centers presentation and panel discussions (Room A109)

15:30-15:45 Research topics at Technical Faculty "Mihajlo Pupin" Zrenjanin, PhD Dalibor Dobrilovici, Technical Faculty "Mihajlo Pupin" Zrenjanin, Serbia.

15:45-16:00 Virtualization in Embedded Environments, PhD Razvan Deaconescu, University POLITEHNICA of Bucharest, Automatic Control and Computers Faculty, Bucharest, Romania.

16:00-16:15 Automatic Systems Engineering Research Centre at the Politehnica University of Timisoara. Main projects, Prof. Radu-Emil Precup, Department of Automation and Applied Informatics, Politehnica University of Timisoara, Romania

16:15-16:30 Research Centre in Computing and Information Technology, at the Politehnica University of Timisoara, Prof. Mihai MICEA, Politehnica University of Timisoara, Romania.

16:30-17:00 Panel discussions and concluding remarks, Prof. Vladimir CRETU, Head of department, Computer and Software Engineering, Politehnica University of Timisoara