

# HiPEAC Sibiu Workshop Agenda

*European Network of Excellence on High Performance and Embedded Architecture and Compilation (HiPEAC) Workshop*

<http://www.hipeac.net/>



*„Lucian Blaga” University of Sibiu (LBUS), 2-nd April 2013*

<http://www.ulbsibiu.ro/ro/>

**Location: Senate Hall, Rectorate Building, Bulevardul Victoriei, Nr. 10, Sibiu, 550024, România**

(see <https://maps.google.ro/maps?hl=ro&q=bulevardul+victoriei+nr+10+sibiu&ie=UTF-8&hq=&hnear=0x474c67882d7c3d43:0xceed9e1ab8079c0d,Bulevardul+Victoriei,+Sibiu&gl=ro&ei=Uc88UfGMH8GJtAaPuoHADw&ved=0CDIQ8gEwAA>)

**09:00 - 09:40** *HiPEAC Steering Committee Staff Meeting with the LBUS Rector (Professor Ioan Bondrea - Rector of LBUS, Prof. Koen de Bosschere, Prof. Rainer Leupers, Prof. Kostas Magoutis, Prof. Lucian Vintan)*

**09:50 - 10:10** *Welcome Words, Prof. Lucian Vintan, Computer & Electrical Engineering Department, LBUS, The Academy of Technical Sciences of Romania; Prof. Ioan Bondrea - Rector of LBUS; Prof. Liviu Rosca – Dean of the Engineering School; Prof. Daniel Volovici, Head of Computer & Electrical Engineering Department, LBUS*

**10:10 - 10:45** *HiPEAC network and activities overview, Prof. Koen de Bosschere (<https://syslab.elis.ugent.be/kdbosche>), HiPEAC Coordinator, Computing Systems Lab, Ghent University, Belgium*

**10:45 - 11:20** *System performance modeling and binary translation research at Ghent University, Prof. Koen de Bosschere, HiPEAC Coordinator, Computing Systems Lab, Ghent University, Belgium*

**11:20 - 11:35** *Coffee Break*

**11:35 – 12:10** *Scalable architectures and networked storage research at ICS-FORTH, Prof. Kostas Magoutis (<http://www.ics.forth.gr/~magoutis/>), Computer Science Foundation for Research and Technology-Hellas, Greece*

**12:10 – 12:45** *System-Level Design Technologies for Embedded Multicore Devices, Prof. Rainer Leupers (<http://www.ice.rwth-aachen.de/institute/members/personen/rainer-leupers/>), Institute for Communication Technologies and Embedded Systems, Aachen University, Germany*

**12:45-14:15** *Lunch (LBUS Restaurant)*

**14:15 – 15:10** *Multi-Objective Optimization of Advanced Micro-Architectures using Domain-Knowledge (Computer Architecture on-going Research Projects at LBUS)*, **Prof. Lucian Vintan** (<http://webspaces.ulbsibiu.ro/lucian.vintan/html/>), Computer & Electrical Engineering Department, LBUS, The Academy of Technical Sciences of Romania

**15:10 – 15:45** *Parallel and Distributed Systems Research at Politehnica University of Bucharest*, **Prof. Nicolae Tapus** (<https://csite.cs.pub.ro/index.php/en/component/comprofiler/?task=userProfile&user=70>), Computer Science & Engineering Department, „Politehnica” University of Bucharest, The Academy of Technical Sciences of Romania

**15:45 - 16:00** *Break*

**16:00-16:35** *Stereo vision based sensorial perception for advanced driving assistance and autonomous mobile systems*, **Prof. Sergiu Nedevschi** (<http://users.utcluj.ro/~nedevski/>), Computer Science & Engineering Department, Technical University of Cluj-Napoca, The Academy of Technical Sciences of Romania

**16:35 - 17:10** *Research vision and projects of Research Center in Computer and Information Technology from UPT*, **Assoc. Prof. Marius Marcu** (<http://bigfoot.cs.upt.ro/~mmarcu/>) and **Dr. Alexandru Amaricai** (<http://bigfoot.cs.upt.ro/~amaricai/>), Computer Science & Engineering Department, „Politehnica” University of Timisoara, Romania

**17:10 - 17:45** *Continental Automotive Systems Sibiu - General Presentation; Continental Sibiu Embedded Capabilities*, **Liviu Balan** – Research General Manager and **Sebastian Olteanu** - Head of R&D Sibiu BU Transmission, Continental Automotive Systems R&D Sibiu, Romania

**17:45 - 18:00** *Closing Remarks*, **Prof. Koen de Bosschere**, HiPEAC Coordinator, **Prof. Lucian Vintan**, LBUS, Romania

**19:30 - 22:00** *Dinner*, offered by *HiPEAC*

#### **ORGANIZING COMMITTEE (Computer & Electrical Engineering Department, LBUS)**

**Prof. Lucian Vintan, PhD**

**Prof. Daniel Volovici, PhD**

**Prof. Maria Vintan, PhD**

**Assoc. Prof. Remus Brad, PhD**

**Assoc. Prof. Adrian Florea, PhD**

**Dr. Radu Cretulescu**

**Dr. Arpad Gellert**

**Dr. Daniel Morariu**