



Homepage: <http://helios.informatik.uni-kl.de/RCeducation08/>

Advance Workshop Program

8:30 – 9:30 Opening Session

8:30 – 8:45 Welcome address:

Lionel Torres, LIRMM France (General Chair)
Michael Hübner (Program Chair), Universität Karlsruhe (TH), Germany

8:45 – 9:30 Opening Keynote: Reconfigurable Computing for solving the CS education dilemma

Reiner Hartenstein, TU Kaiserslautern

9:30 – 10:00 Coffee Break

10:00 – 11:45 Session 1: Reconfigurable Architectures and Tools I

10:00 – 10:30 vMAGIC VHDL Manipulation and Automation for Reliable System Development

Christopher Pohl, Carlos Paiz, Mario Porrman
Heinz Nixdorf Institute, University of Paderborn

10:30 – 11:00 Building CAD Tools as an Efficient Learning for Both EE and CS Students

Loic Lagadec, Université de Bretagne Occidentale, LESTER, France

11:00 – 11:45 Invited Presentation: Hard lessons I learned about RC

Alfred Fuchs, Siemens, Vienna, Austria

11:45 – 13:00 Lunch Break

13:00 – 14:45 Session 2: Reconfigurable Architectures

13:00 – 13:45 Invited Presentation: Reconfigurable Computing: Actel vision for research & education

Patrizio Piasentin, Vice President Actel Europe

13:45 – 14:15 Experiencing a problem-based learning approach for teaching reconfigurable architecture design

Erwan Fabiani, Université de Bretagne Occidentale, LESTER, France

14:15 – 14:45 Proposal of an Integrated Reconfigurable and Conventional Computer Architecture Education using a new Computer Systems Taxonomy

Alexandre Marques Amaral and Carlos Augusto Paiva da Silva Martins
Graduate Program in Electrical Engineering,
Pontifical Catholic University of Minas Gerais, Brasil

14:45 – 15:15 Coffee Break

15:15 – 16:30 Session 3: Application Scenario in RC Education

15:15 – 16:00 Invited Presentation: Reconfigurable High Speed FPGA Prototyping Platforms

M. LeMelédo, from Prodesign Compagny

16:00 – 16:30 Stud2COMM – RP-design of an embedded system in education based on a process assessment model

M. Kühnle, M. Hillenbrand, J. Becker, K.D. Müller-Glaser, Universität Karlsruhe (TH)

16:30 Discussion and Closing Remarks