



E²R II – SDR Forum Joint Workshop



05 November 2007
Denver, USA

End-to-End Reconfigurability II (E²R II) – Software Defined Radio Forum (SDR Forum)

The End-to-End Reconfigurability II (E²R II) FP6 project sponsored by the European Commission, and the Software Defined Radio Forum (SDR Forum) will host a joint workshop on Monday 05.11.07 in Denver during the SDR Forum Technical Conference (05-09.11.07 – Denver).

The key objective of the E²R II project is to devise, develop and test architectural designs of adaptive communication systems to offer an expanded set of operational choices to the users, applications and service providers, operators, manufacturers, regulators in the context of heterogeneous mobile radio systems. The SDR Forum is an international, nonprofit organization, dedicated to promoting the development, deployment and use of SDR technologies for advanced wireless systems. The SDR Forum's mission is to accelerate the proliferation of SDR technologies in wireless networks to support the need of civil, commercial and military market sectors.

E²R – SDR Forum joint Workshop

Following the signature of the E²R – SDR Forum liaison agreement (April 04), the successful E²R – SDR Forum joint yearly workshop (Mainz - April 04), the release of the joint interaction programme (November 04), the second and third joint yearly workshops (Brussels in September 05 and Munich in September 06), a fourth joint yearly workshop will be organized in Denver on Monday 05.11.07. This workshop will be organized during the Tutorial day of the SDR Forum Technical Conference (05-09.11.07 – Denver), will be attended by Reconfigurability, SDR and CR leaders from around the world and will cover topics such as modem configuration, RF, security, regulation and standardization.

Workshop Agenda

The joint workshop will be held on 05.11.07 in Denver Marriott Tech Center. The workshop will start at 09:00 (breakfast and registration from 07:30 to 09:00) and be concluded at 17:00. The detailed agenda of the workshop is the following:

09:00 – 10:30	Welcome and Workshop Opening
09:00 – 09:45	E²R II Research Project Outcomes Dr. Didier Bourse (Motorola)
09:45 – 10:30	SDR Forum Update Mr. Lee Pucker (SDR Forum)
10:30 – 10:45	Coffee Break
10:45 – 12:30	Session 1: Business Models and Regulation
10:45 - 11:05	E²R II Business Models Research – Application to Flexible Spectrum Management (FSM) and Cognitive Pilot Channel (CPC) Dr. Didier Bourse (Motorola)
11:05 - 11:25	Summary Results of the SDR Forum Market Studies Mr. Manuel Uhm (Xilinx)
11:25 - 11:45	Regulatory Aspects of SDR and the E²R II Responsibility Chain (RC) Mr. Horst Mennenga (BNetzA)
11:45 – 12:05	SDR Forum Security Requirements Specification Dr. William T. Scott (General Dynamics C4S)
12:05 – 12:30	Open Discussion and Potential Synergies
12:30 – 13:30	Lunch
13:30 – 15:30	Session 2: Modem Architecture
13:30 - 14:15	E²R II Modem Architecture and PIM/PSM Mr. Eric Nicollet (Thales Communications)
14:15 - 15:00	SDR Forum Smart Antenna API PIM/PSM Dr. Seungwon Choi (Hanyang University)
15:00 - 15:30	Open Discussion and Potential Synergies
15:30 – 15:45	Coffee Break
15:45 – 16:45	Standardization Opportunities for SDR and CR (IEEE SCC41, ETSI, OMG, OMA...)- Panel Discussion Dr. Didier Bourse (Motorola), Mr. Klaus Nolte (Alcatel-Lucent), Mr. Eric Nicollet (Thales Communications), Mr. Lee Pucker (SDR Forum)
16:45 – 17:00	Workshop Conclusions Mr. Lee Pucker (SDR Forum) and Dr. Didier Bourse (Motorola)

Additional Information and Registration

Updated information will be available on:

E²R II website: <http://www.e2r.motlabs.com> and SDR Forum website: <http://www.sdrforum.org/>

Registration to be done on SDR Forum website.

The workshop will be held in Denver Marriott Tech Center on 05.11.07.