OSPERT 2014 Program

	Tuesday, July 8th 2014
8:00-8:30	Registration
8:30-10:00	Keynote talk: *Open-source and Real-time in Automotive Systems: (not only) Linux, (not only) AUTOSAR* *Paolo Gai*
10:00-10:30	Coffee Break
10:30-12:00	Session 1: RTOS Design and Implementation I ARM-based SoC with Loosely coupled type hardware RTOS for industrial network systems *Naotaka Maruyama, Takuya Ishikawa, Shinya Honda, Hiroaki Takada, and Katsunobu Suzuki* Distributed Real-Time Fault Tolerance on a Virtualized Multi-Core System *Eric Missimer, Richard West, and Ye Li* Fast User Space Priority Switching *Alexander Zuepke, Marc Bommert, and Robert Kaiser*
12:00-13:30	Lunch
13:30-15:00	Session 2: Mixed-Criticality Systems Implications of Multi-Core Processors on Safety-Critical Operating System Architectures *Stefan Burger, Kevin Müller, Oliver Hanka, Michael Paulitsch, Andrea Bastoni, Henrik Theiling, and Matthias Heinisch* Towards Hard Real-Time Control and Infotainment Applications in Automotive Platforms *Mian M. Hamayun, Alexander Spyridakis, and Daniel S. Raho* Mixed-Criticality on Multicore (MC^2): A Status Report *Namhoon Kim, Jeremy P. Erickson, and James H. Anderson*
15:00-15:30	Coffee Break
15:30-16:30	Session 3: RTOS Design and Implementation II A Platform for LEGO Mindstorms EV3 Based on an RTOS with MMU Support *Yixiao Li, Takuya Ishikawa, Yutaka Matsubara, and Hiroaki Takada* Usable RTOS-APIs? *Tobias Klaus, Florian Franzmann, Tobias Engelhard, Fabian Scheler, and Wolfgang Schröder-Preikschat*
16:30-18:00	Discussion and Closing Thoughts

	Wednesday, July 9th - Friday, July 11th 2014
	ECRTS main conference.