

## OSPERT 2015 Program

	<b>Tuesday, July 7<sup>th</sup> 2015</b>
8:00 – 9:00	Registration
9:00 – 10:30	Keynote talk: <i>Software Architectures for Advanced Driver Assistance Systems (ADAS)</i> <i>Robert Leibinger</i>
10:30 – 11:00	Coffee Break
11:00 – 12:30	Session 1: RTOS Design Principles Back to the Roots: Implementing the RTOS as a Specialized State Machine <i>Christian Dietrich, Martin Hoffmann, Daniel Lohmann</i> Partial Paging for Real-Time NoC Systems <i>Adrian McMenamin, Neil Audsley</i> Transactional IPC in Fiasco.OC - Can we get the multicore case verified for free? <i>Till Smejkal, Adam Lackorzynski, Benjamin Engel, Marcus Völp</i>
12:30 – 13:30	Lunch
13:30 – 15:00	Session 2: Short Papers A New Configurable and Parallel Embedded Real-time Micro-Kernel for Multi-core platforms <i>Antonio Paolillo, Olivier Desenfans, Vladimir Svoboda, Joël Goossens, Ben Rodriguez</i> Adaptive Resource Sharing in Multicores <i>Kai Lampka, Jonas Flodin, Yi Wang, Adam Lackorzynski</i> Implementing Adaptive Clustered Scheduling in LITMUS <sup>RT</sup> <i>Aaron Block, William Kelley</i> Preliminary design and validation of a modular framework for predictable composition of medical imaging applications <i>Martijn M.H.P. van den Heuvel, Sorin C. Crăcană, Hrishikesh L. Salunkhe, Johan J. Lukkien, Alok Lele, Dominique Segers</i> Increasing the Predictability of Modern COTS Hardware through Cache-Aware OS-Design <i>Hendrik Borghorst, Olaf Spinczyk</i>
15:00 – 15:30	Coffee Break
15:30 – 17:00	Session 3: Isolation, Integration, and Scheduling Evaluating the Isolation Effect of Cache Partitioning on COTS Multicore Platforms <i>Heechul Yun, Prathap Kumar Valsan</i> An experience report on the integration of ECU software using an HSF-enabled real-time kernel <i>Martijn M.H.P. van den Heuvel, Erik J. Luit, Reinder J. Bril, Johan J. Lukkien, Richard Verhoeven, Mike Holenderski</i> Evolving Scheduling Strategies for Multi-Processor Real-Time Systems <i>Frank Feinbube, Max Plauth, Christian Kieschnick, Andreas Polze</i>
17:00 – 17:30	Discussion and Closing Remarks
	<b>Wednesday, July 8<sup>th</sup> – Friday, July 10<sup>th</sup> 2015</b>
	ECRTS main conference.

