



**Summer School
Johannes Kepler University Linz**

4th ACCM Real-Time Linux Workshop

July 11th - 15th, 2011

**PROGRAMME OF THE SCIENTIFIC DAY
July 11th, 2011**

Jointly organized by

**Austrian Center of Competence
in Mechatronics GmbH (ACCM)**

and

Institute for Measurement Technology



Schedule of the Scientific Day

Monday, July 11th, 2011

Scientific chair:	Professor Bernhard Zagar
Scientific co-chair:	Nicholas Mc Guire
08:30-09:30	Registration
09:30-09:40	Welcome Note Professor Bernhard Zagar Johannes Kepler University Linz
09:40-10:20	Symbolic debugging of complex software Prof. Dr.sc.techn. (ETH) Wolfgang Kuchlin Universität Tübingen, Wilhelm Schickard Institut für Informatik
10:20-10:35	Coffee break
10:35-11:15	Current status of real-time mainline Linux Thomas Gleixner Linutronix GmbH, 88690 Uhdingen-Mühlhofen, http://www.linutronix.de
11:15-11:55	OSADL QA-Farm – quality assurance for Linux Carsten Emde OSADL – Open Source Automation Development Lab
11:55-13:00	Lunch
13:00-13:40	Coccinelle - semantic patching Julia Lawall Datalogisk Institut – Københavns Universitet
13:40-14:20	How to implement a Linux security module and how to improve eCryptfs Andre Osterhues escrypt GmbH - Embedded Security
14:20-14:40	Coffee break
14:40-15:20	Certification of open-source components Bernhard Nölte TÜV Süd Rail
15:20-16:00	Platform independent remote control and data exchange with real time targets Martin Leonhartsberger Johannes Kepler University, Institute for Measurement Technology
16:00-16:45	Linux Security Methods for Safety related systems Nicholas Mc Guire OpenTech EDV Research GmbH, OSADL Real Time Linux Working Group
16:45-18:00	Discussion
18:00	Closing