

ARTEMIS-Austria Conference

Embedded computing perspectives—from tiny to ultra-large systems

When? Wednesday, June 29th 2011, 9:00 - 17:00

Where? **Johannes Kepler Universität (JKU) Linz**

Uni Center (Mensa), room 103G

Altenberger Straße 69, 4040 Linz, Austria

[Media release \(in German\)](#)

PROGRAM

09:30	Welcome and Opening	Josef Affenzeller, ARTEMIS Austria Michael Wiesmüller, BMVIT Friedrich Roithmayr, JKU Linz Barbara Kovsca-Sagmeister, city of Linz
10:00	Keynote Cyberphysical Systems (Presentation)	Douglas Schmidt, Carnegie Mellon University
10:45	Keynote Basic Research for Improved Quality	Krishnendu Chatterjee, Institute of Science and Technology Austria
11:30	Coffee break	
11:45	Automotive - Automotive Electrification - Challenges and Solutions Automotive - Process, Methods, Architecture for Automotive Systems Automotive - Development of complex HEV control concepts using the ACROSS MPSoC platform	Patrick Leteinturier, Infineon Eric Armengaud, AVL List GmbH Stefan Jakubek, TU Wien
12:30	Lunch break optional: guided tour Mechatronic Linz	

13:30	Production - Seamless Prediction, Tracking and Control of Product Properties	Dietmar Auzinger, voestalpine Stahl Linz GesmbH and Klaus Zeman, JKU Linz
	Aerospace - From Aerospace Expertise to Cross Domain Applications	Andreas Eckel, TTTech
14:15	Aerospace - High Performance Embedded Systems in Mission Critical Applications	Andreas Reisenbauer, Frequentis
	Aerospace - Real-time aware Software-in-the-Loop simulation	Wolfgang Pree, Chrona
15:00	Coffee break	
	Rail - Future Challenges in Rail Signalling Systems Development	Christoph Scherrer, Thales Austria
15:15	Rail - Railway Safety Issues: Long-term Maintenance and Modification	Thomas Gruber, AIT
16:00	Keynote: Seamless model-based development	Manfred Broy, TU München
16:45	Farewell coffee	