

CAMPUS NORD - Rectorat building  
JORDI GIRONA street 31, 08034 BARCELONA

9:00 - 9:15

## **Address of Welcome**

Prof. Dr. Theo Ungerer, parMERASA Project Coordinator, University of Augsburg  
Prof. Dr. Jesús Labarta, Director of Computer Sciences Department of BSC

9:15 - 9:45

## **The parMERASA Project - Vision, Overview and Achievements**

Prof. Dr. Theo Ungerer, University of Augsburg, Germany

9:45 - 10:15

## **The parMERASA Predictable Multi-core Processor**

Dr. Eduardo Quiñones, Barcelona Supercomputing Centre Spain  
Prof. Dr. Sascha Uhrig, University of Dortmund, Germany

10:15 - 10:40

## **System Software and TinyAUTOSAR**

Dr. Florian Kluge, University of Augsburg, Germany

10:40 - 11:00

## **Static WCET Analysis of Parallel Programs**

Prof. Christine Rochange, University of Toulouse, France

*Coffee Break (\*)*

11:30 - 12:00

## **Verification and Profiling Tools**

Dr. Nick Lay and Dave George, RAPITA Systems Ltd., York, UK

12:00 - 12:30

## **Experiences with Pattern-based Software Development**

Dr. Ralf Jahr, University of Augsburg, Germany

*Buffet Lunch (\*) and Supercomputer Visit*

13:45 - 14:05

## **Parallelisation of Construction Machinery Control Code**

Andreas Hugl, BAUER Maschinen GmbH

14:05 - 14:35

## **Parallel Stereo Navigation and Collision Avoidance Algorithms**

Dr. Pavel Zaykov, Honeywell International s.r.o., Brno, Czech Republic

14:35 - 15:00

## **Parallelization of a Diesel Engine Management System**

Sebastian Kehr, DENSO AUTOMOTIVE Deutschland GmbH

*Coffee Break (\*)*

15:30 - 15:45

## **Memorandum and Post parMERASA Vision**

Prof. Dr. Theo Ungerer, University of Augsburg, Germany

15:45 - 16:30

## **Discussion Forum on Requirements of Future Hard Real-Time Processors, Tools and Applications**

Moderator: Prof. Dr. Theo Ungerer, University of Augsburg, Germany

16:30

## **End of Dissemination Event**

(\*) Costs of coffee breaks and buffet lunch will be covered by BSC on behalf of parMERASA consortium. As such, said attendees agree to renounce the corresponding per diem expenses