## parMERASA Dissemination Event

**Tuesday, September 23, 2014**

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

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<th>Time</th>
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<th>Speaker/Institution</th>
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| 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.