



WORKSHOP

Customer-Oriented Product Engineering of **Micro and Nano Devices**

Benefit from shorter time to market by:

- Faster product engineering
- Customer-lead multi-site product development
- Access to knowledge-base on design and processes
- Information and communication technology (ICT) structure and tools

www.corona-mnt.eu

Workshop - Customer-Oriented Product Engineering of Micro and Nano Devices

Parallel to the MST-Regionalkonferenz on May 25, 2011 there will be the CORONA-Workshop at the Airport of Dortmund, Germany. At the beginning of the workshop day the participants will be told about the motivation of the CORONA-project, about the "Needs in MEMS Product Engineering". Afterwards the workshop shows vision, methodology and application scenarios of the FP7-funding-project which will be experienced by practice in hands-on-parts by the participants themselves.

The development of micro and nano tech devices like MEMS comprises the system design as well as the configuration of an appropriate manufacturing process. Based on a comprehensive methodology the CORONA project offers a software environment that links commercial tools from both areas to a common design flow.

In this workshop the companies Coventor S.a.r.l. and Process Relations GmbH will demonstrate their new tool developments for the software platforms MEMS+[®], Simulator[®] and Xperi Desk[®] for seamless MEMS product development. Participants may take advantage of "hands on" examples and discuss the tools and their usage with developers. Presentations, demonstration and trainings will include ample time for individual interviews and Q&A. Dr. Jens Popp (Process Relations GmbH) will also present the project idea of CORONA at a MST-Regionalkonferenz - Session. The CORONA-Workshop is free of charge.

MAY 25, 2011 Dortmund Airport

AGENDA

- 09.00 Registration and Welcome
- 09.30 Motivation: Needs in MEMS Product Engineering
Dr. Peter Merz, MEMS Foundry Itzehoe GmbH, Itzehoe
- 10.00 CORONA Vision: Project Overview
Prof. Dr. Rainer Brück, Universität Siegen
- 10.20 Methodology for MEMS Product Engineering
Dr. Dirk Ortloff, Process Relations GmbH, Dortmund
- 10.40 Coffee Break
- 11.00 Typical Application Scenarios
Dr. Gisbert Hölzer, X-Fab Semiconductor Foundries AG, Erfurt
Dr. Tomasz Bieniek, Instytut Technologii Elektronowej ITE, Warszawa
- 11.40 Lunch Break
- 12.40 Integrated 3D MEMS Design with MEMS+ and Simulator
Dr. Gerold Schröpfer, Coventor S.a.r.l, Paris
- 13.10 XperiDesk – Verification & Simulation
Dr. Dirk Ortloff, Process Relations GmbH, Dortmund
- 13.40 Final Discussion
- 14.00 Coffee Break
- 14.15 Software Demo and "Hands-on" Training
- 16.15 Final Discussion, Close of the Workshop

For any further information please contact :

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Registration for the Workshop - Customer-Oriented Product Engineering of Micro and Nano Devices

Contact:
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Registration via FAX until May 18, 2011. Please send your fax to +49 231 9742 150.

Please register my participation for the Workshop - Customer-Oriented Product Engineering of Micro and Nano Devices

Dortmund, 25 May 2011:

- I take part at the program from 09:00 onwards.
- I would need a hotel. Could you recommend one?

Title, Name

Company

Street

City

Telephone

Fax

E-Mail

Signature
