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edaForum08 - Program

At this web page you find the programme of the edaForum08. You may expand the programme for each session by clicking on the session title. You will find the detailed timetable, presentation titles and author names. If additional information like an abstract, curriculum vitae or (for attendees of the edaForum08 only) slides is available, a link below the presentation title is displayed.

You may [download](#) the programme as PDF file (1.81 MB).

Thursday, December 11, 2008

08:00 - 17:30

Registration Opening Time

08:30 - 09:00

Come Together

09:00 - 12:00

Company Presentations

Saal 2

The Silicon Saxony- The Leading European Network for Semiconductor Technology

12:00 - 13:15

Lunch

13:15 - 13:30

Welcome Address

Moderator: Wolfgang Rosenstiel (edacentrum, D)

Saal 1

13:30 - 14:35

General Keynote

Saal 1

Design and Process Interactions at the 32nm Node and Virtual IDM

13:30

Environment

Simon Yang (Chartered)

[Abstract and Curriculum Vitae](#)

14:35 - 17:30

Technical Session I: "WHAT A WONDERFUL WORLD" More (Green) Chips for Less CO2

Moderator: Wolfgang Rosenstiel (edacentrum, D)

Saal 1

Performance per Watt – Mission for Architecture and Design in Computing

14:35 Gerd Teepe (AMD)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

15:20 **Break:**
Coffee Break

Energy Efficiency in DRAM
16:00 Volker Kiefer (Kiefer Consulting)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

ICT: A Big Energy Consumer
16:30 Piet Demeester (U Ghent)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

How to Design Really Low-Power Cellular Systems
17:00 Gerhard Fettweis (TU Dresden)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

14:35 - 17:30

Business Session I: "GO YOUR OWN WAY" More Than Moore and Less More Moore for commercial success

Moderator: Peter van Staa (Robert Bosch GmbH)

Saal 2

Keynote:

Energy Savings by Essential System Integration in the Forthcoming E-Mobility

14:35 Peter van Staa (Robert Bosch GmbH)
Pietro Perlo (CRF)
[Abstract and Curriculum Vitae](#)

15:20 **Break:**
Coffee Break

Progress and Challenges in Semiconductor Mixed Technologies for Smart Power Applications

16:00 Claudio Contiero (ST Microelectronics)
Joseph Notaro (ST Microelectronics)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Technology Aware Modelling for Automation in Physical Design of Heterogeneous Systems

16:30 Stephan Guttowski (Fraunhofer-IZM)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

As good as it gets - How much more EDA needs "More than Moore"?

17:00 Christian Sebeke (Bosch)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

17:30 - 19:00
Break

19:00 - 23:00

Social Event

Salon Europa

Dinner:

19:00 **Baroque Dinner**
[Abstract and Curriculum Vitae](#)

Friday, December 12, 2008

08:15 - 14:00

Registration Opening Time

08:45 - 09:35

Friday Keynote

Saal 1

New Strategies for System Design

Daniel D. Gajski (U Irvine)

08:45 [Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

09:35 - 11:55

Technical Session II: "IT'S MY LIFE" More (Robust) Chips for no Failures During Lifetime

Moderator: Erich Barke (edacentrum)

Keynote:

Globally Optimized Robust System Design

09:35 Subhasish Mitra (U Stanford, US)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

10:20 **Break:**

Coffee Break

The Sensium™: Designing a Robust and Reliable Ultra-Low Power System-on-Chip for Wireless Medical Monitoring

10:50 Alison Burdett (Toumaz)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

Future Robust Systems Require Holistic Approaches Combining Hardware and Software Concepts

11:20 Christoph Heer (Infineon)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

09:35 - 11:55

Business Session II: "LET'S TWIST AGAIN" More Future in Microelectronics

Moderator: Jürgen Haase (edacentrum, D)

Saal 2

Keynote:

IC Industry Review and Forecast — Light at the End of the Tunnel

09:35 Brian Matas (IC Insights)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

10:20 **Break:**

Coffee Break

How About the Linkage Between Microelectronics and Global Economy?

10:50 Barbara Schaden (Infineon)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

Limits to IC Market Development: Product Development

11:20 Ulrich Schaefer (Bosch)

[Abstract and Curriculum Vitae](#)

[Proceedings \(Access for event attendees only\)](#)

11:55 - 12:55

Panel Discussion

Moderator: Peggy Aycinena (EDA Confidential)

Saal 1

More EDA for a Better Future in

11:55 **Microelectronics**

Abstract and Curriculum Vitae

12:55 - 13:00

Closing Words

Moderator: Erich Barke (edacentrum)

Saal 1

13:00 - 14:30

Lunch

14:30 - 17:00

Trips and Tours

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