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edaForum04 - Program

At this web page you find the programme of the edaForum04. 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 edaForum04 only) slides is available, a link below the presentation title is displayed.

You may [download](#) the programme as PDF file (6.49 MB).

Thursday, December 9, 2004

08:30 - 16:00

Registration Opening Time

09:00 - 12:00

Company Presentations

09:00 **Synopsys, Inc.**
[Abstract and Curriculum Vitae](#)

09:00 **Cadence Design Systems, Inc.**
[Abstract and Curriculum Vitae](#)

09:00 **Mentor Graphics Corp.**
[Abstract and Curriculum Vitae](#)

09:00 **Verisity, Inc.**
[Abstract and Curriculum Vitae](#)

09:00 **Magma Design Automation, Inc.**
[Abstract and Curriculum Vitae](#)

10:30 **Break:**
Coffee Break

12:00 - 13:00
Lunch

13:00 - 13:15

Welcome Address

Moderator: Erich Barke (edacentrum)

13:00 - 14:15

Keynote

Room Rotterdam/St. Petersburg

13:00 **Risk Management is Project Management for Adults**
Tom DeMarco (Atlantic Systems)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

14:15 - 14:30
Break

14:30 - 16:45

Technical Session 1: "Another Brick in the Wall - Design for Manufacturing and Yield"

Room Rotterdam

Keynote:

Manufacturability Profiling of IC Designs: Obvious and Not So Obvious Manufacturability Design Attributes

14:30 Wojciech P. Maly (U Carnegie Mellon)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Break:

Coffee Break

Nanometer-Era Design for Manufacturability

15:45 Andrzej J. Strojwas (PDF Solutions)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Yield as Fourth Design Target, the Challenge of Design for Yield

16:15 Bernd Lemaitre (Infineon)
Uwe Gäbler (Infineon)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

14:30 - 16:45

Business Session 1: "Time Warp - Design on Time and Budget"

Keynote:

Slashing R&D Waste - Best Practices in IC Lifecycle Management, from Concept to Volume Production

14:30 Ronald Collett (Numetrics)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Break:

Coffee Break

From Home-Made to Tailor-Made: R&D Support for Sourcing Bluetooth Silicon Components

15:45 Martin Botteck (Nokia)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Model Based Improvement of Development Processes

16:15 Willy Reiss (Bosch)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

16:45 - 17:15

Break

17:15 - 18:00

Panel Discussion

Room Rotterdam/St. Petersburg

17:15 **Discuss with the today's presenters their views about EDA**

18:00 - 19:30

Break

19:30 - 23:00

Social Event - Comedy & Melody Dinner

Christian Dirr - the Comedyjongleur - and Sebastian Matz (piano) guarantee for an unforgettable evening with comedy, music, artistry and fiery emotions.

Christian Dirr plays with bludgeons, balls and torches as well as with the laughing muscles of his spectators. His quick and charming word joke as well as the eye-winking game with the audience are the recipe for success of the turbulent show. A strange journey by comedy, jonglage, - a show with much spontaneous improvisation.

Friday, December 10, 2004

09:00 - 11:45

Technical Session 2: "Blowin' in the Wind - Design for Verification and Test"

Keynote:**Design for Testability: The Path to Deep Submicron**

09:00 T. W. Williams (Synopsys)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Synergies to Enable a Designer-Driven Assertion-Based Verification Methodology

09:45 Wolfgang Roesner (IBM)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

10:15 **Break:**
Coffee Break

The Answer is Formal Verification - What was the Question?

10:45 Brian Bailey (Mentor)
[Abstract and Curriculum Vitae](#)

Revolutionary Solutions for Manufacturing Test Required

11:15 Peter Muhmenthaler (Infineon)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

09:00 - 11:45

Business Session 2: "Money, Money, Money - Design for Profitability"

Keynote:**Globalization - A Competitive Imperative**

09:00 Jaswinder Ahuja (Cadence)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Venture Capital in EDA

09:45 Edouard Lamy (Apax)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

10:15 **Break:**
Coffee Break

Sometimes the Answer is Outside the Box

10:45 Giles Peckham (Xilinx)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

Design for Profitability - the IBM Approach

11:15 Jürgen Hilsberg (IBM)
[Abstract and Curriculum Vitae](#)
[Proceedings \(Access for event attendees only\)](#)

11:45 - 12:00
Break

12:00 - 13:00

Closing Session**Room Rotterdam/St. Petersburg**

Podiumsdiskussion:

12:00 **Panel Discussion**
Abstract: Discuss with the today's presenters their views about EDA.

Social Event:**Conferment of edacentrum's EDA Achievement Award**

12:45 **Abstract:** The EDA Achievement Award is conferred by the edacentrum to award special research or development efforts in the area of EDA in Germany; especially efforts which have been funded by the German BMBF funding program Ekompas (design platform for complex applied systems and circuits in microelectronics).

[Further Information](#)

13:00 - 14:00
Lunch

14:00 - 18:00

Trips and Tours

Trips & Tours:
Mask Center Dresden
Abstract:

Advanced Micro Devices Inc., DuPont Photomasks Inc., and Infineon Technologies AG have jointly established a new advanced mask center in Dresden. They want to maintain their leading position in the world-wide competition for the next semiconductor generation. In the mask center lithographic masks will be developed and samples will be produced, with which silicon wafer are exposed.

14:00 The three partners have therefore established an equally owned joined venture with the name Advanced Mask Technology Center GmbH & Co. KG.

Their mission is to develop technology and deliver R&D masks with reasonable costs and cycle times by giving technology the highest priority.

We offer an excursion to the mask center which gives an insight into the mask center itself and offers the opportunity to get first-hand information about the joint venture, its vision and strategy by representatives of the AMTC, AMD and Infineon.

[Further information](#)

Trips & Tours:
Volkswagen Transparent Factory

14:00 **Abstract:** Volkswagen has built an impressive transparent factory for handcrafted cars located in the middle of the city of Dresden. At the Transparent Factory, guests will embark on a fascinating journey into the world of Volkswagen. Through a captivating array of multimedia shows, live demonstrations, hands-on exhibits and visual displays, guests will be given an unprecedented and highly entertaining emersion into the cutting-edge technology and Old World craftsmanship of one of the world's great automotive brands..

[Further information](#)

Trips & Tours:
Sightseeing Tours

14:00 **Abstract:** Dresden offers a variety of fascinating buildings and monuments like the Fraunkirche, the Zwinger, or the Semper Opera House. Take a look at them, visit one of Dreden's well known museums or simply enjoy the atmosphere at the "Striezelmarkt" - Dresden's famous Christmas fair.

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