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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**

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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**

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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

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### 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"**

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### 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**

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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"**

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**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"**

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**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**

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**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**

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**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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