

SESSION 8 – Design, Test, Verification

Moderator:

Tina Hudson, Rose-Hulman Institute of Technology

Speakers:

Robert Klenke: Virginia Commonwealth University

John Lockwood: Washington University, St. Louis

Magnus Björk: Chalmers University of Technology

Witold Pleskacz: Warsaw University of Technology

2005 Microelectronic Systems Education Conference

Robert Klenke

- **Associate Professor of Electrical Engineering at Virginia Commonwealth University, Richmond Virginia**
- **Ph.D. 1993, University of Virginia, Charlottesville, VA**
- **Research interests: VLSI systems design, system-level performance and hybrid modeling, and parallel ATPG algorithms.**
- **Senior Member of the IEEE**

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John Lockwood

- **Assistant Professor, Washington University, Saint Louis**
- **Ph.D. 1995, University of Illinois, Urbana-Champaign**
- **Research Interests**
 - Internet security in high speed networks
 - Prototyping network systems with reconfigurable hardware
 - Quality of Service in wired and wireless LANS

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Magnus Björk

- **Ph.D. Student**
- **Chalmers University of Technology**
- **Research interests:**
 - Automatic theorem proving in first-order logic
 - Functional programming languages
- **Currently on internship with Bluespec**
 - Developing a novel hardware description language

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Witold Pleskacz

- M.Sc. 1983, Ph.D. degree 1995 (with honors) in electronic engineering, Warsaw University of Technology, Poland
- Since 1984 – at the Institute of Microelectronics and Optoelectronics (VLSI Engineering and Design Automation Division) of Warsaw University.
- Now - Assistant Professor and Head of Warsaw ASIC Design Education Center (ADEC).
- 1983-84 - Post Doctoral Researcher at Carnegie Mellon University.
- **Research interests:**
 - computer-aided design methods and algorithms,
 - layout-oriented manufacturing yield modeling,
 - defect-based approaches to fault modeling,
 - design for manufacturability of integrated circuits
 - defect oriented testing methodologies.
- **Awards:**
 - Ministry of National Education Award for teaching achievements in microelectronics
 - 2 awards for scientific achievements from Rector of Warsaw University of Technology
 - "Golden Chalk" – Student Council of the Faculty Teaching Award

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FUTURE MEETINGS

2006:

European Workshop on Microelectronics Education

8-9 June 2006 in Stockholm; hannu@ele.kth.se

Design Automation Conference

24-28 July 2006 in San Francisco; www.dac.com

2007:

Microelectronic Systems Education Conference

3-4 June 2007 in San Diego; www.mseconference.org

Co-located with DAC: 4-8 June 2007

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