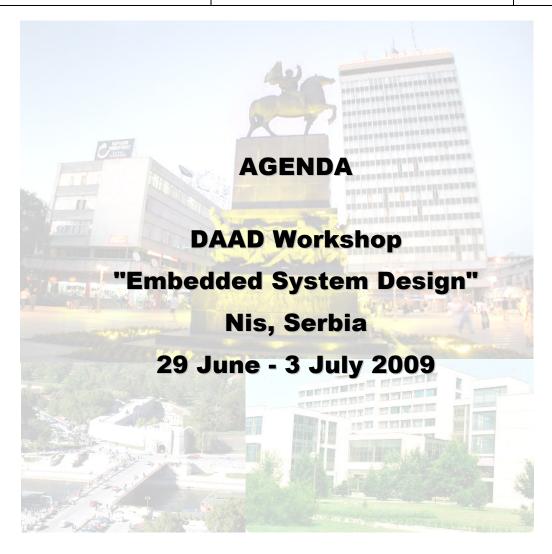
DAAD project

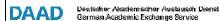
Embedded System Design

29/04/2009



Program

| Time | Content | Speaker/Contributor | |
|--------------------------------------------------------------|--------------------------------------------------|-------------------------|--|
| Start of the workshop 29th June in Faculty of Electronic Eng | | | |
| Monday - 29th June - 1st day | | | |
| 9:15-9:30 | Welcome, Workshop Program, Introduction to ELFAK | Prof. M. Stojcev, ELFAK | |
| 9:30-10:30 | Introduction to Wireless Communication Systems | Prof. R. Kraemer, IHP | |
| 10:30-10:45 | Coffee Break | All | |
| 10:45-11:45 | Introduction to Wireless Communication Systems | Prof. R. Kraemer, IHP | |
| 11:45-13:00 | Lunch break | | |
| 13:00-14:00 | WLAN & High Performance Communication Systems | Prof. R. Kraemer, IHP | |
| Tuesday - 30th June - 2nd day | | | |
| 9:30-10:30 | WLAN & High Performance Communication Systems | Prof. R. Kraemer, IHP | |
| 10:30-10:45 | Coffee Break | All | |
| 10:45-11:45 | Wireless Sensor Networks | Prof. R. Kraemer, IHP | |



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| 11:45-13:00 | Lunch break | | |
|--------------------------------|-----------------------------------------------------|----------------------------|--|
| 13:00-14:00 | Wireless Sensor Networks | Prof. R. Kraemer, IHP | |
| Wednesday - 1st July - 3rd day | | | |
| 9:30-10:30 | SoC Design - Modelling, Simulation & Verification | Dr. Zoran Stamenkovic, IHP | |
| 10:30-10:45 | Coffee Break | All | |
| 10:45-11:45 | SoC Design - Integrated Circuits & RAMs | Dr. Zoran Stamenkovic, IHP | |
| 11:45-13:00 | Lunch break | | |
| 13:00-14:00 | Asynchronous Circuit Design | Dr. Milos Krstic, IHP | |
| Thursday - 2nd July - 4th day | | | |
| 9:30-10:30 | Asynchronous Circuit Design | Dr. Milos Krstic, IHP | |
| 10:30-10:45 | Coffee Break | All | |
| 10:45-11:45 | Globally Asynchronous Locally Synchronous Systems | Dr. Milos Krstic, IHP | |
| 11:45-13:00 | Lunch break | | |
| 13:00-14:30 | Synchronous & GALS Networks on Chip | Dr. Milos Krstic, IHP | |
| Friday - 3rd July - 5th day | | | |
| 9:30-10:30 | SoC Design - Synthesis & Layout | Dr. Zoran Stamenkovic, IHP | |
| 10:30-10:45 | Coffee Break | All | |
| 10:45-11:45 | SoC Design - DfT & DfM | Dr. Zoran Stamenkovic, IHP | |
| 11:45-13:00 | Lunch break | | |
| 13:00-13:30 | SoC Design - Configurable Processors | Dr. Zoran Stamenkovic, IHP | |
| 13:30-14:00 | End of the Workshop, closing remarks and discussion | Prof. Mile Stojcev | |

Rolf Kraemer received the diploma and the Dr.-Ing. degrees from the computer science department of the RWTH-Aachen in Germany. He has worked for 15 years in research and development of communication and multi-media systems at Philips-Research in Hamburg and Aachen. Since 1998 he is Professor of Systems at the IHP in Frankfurt and TU-Cottbus. He leads the systems research department of the IHP where his research focus is on wireless Internet systems from application to systems on chip. He is co-founder of the startup-company lesswire AG where he holds the position of the CTO.

Miloš Krstić received the Dr-Ing. degree in electronics from Brandenburg University of Technology, Cottbus, Germany in 2006. Since 2001 he has been with IHP Microelectronics, Frankfurt (Oder), Germany. For the last few years, his work was mainly focused on low power digital design for wireless applications and GALS methodologies for digital systems integration. His work was followed with more than 40 publications and 7 patent applications mainly in the area of GALS design and its application to the wireless communication area.

Dr. Zoran Stamenković is with IHP GmbH, Frankfurt (Oder), Germany. He received his Ph.D. degree in electronic engineering from the University of Niš, Serbia in 1995. His research interests include wireless SOC design, HDL modeling, logic synthesis, chip layout, and IC yield modeling and prediction. Currently, he is co-leading the EU funded project on a wireless MIMO system (MIMAX) at IHP GmbH. He has published a book on IC yield, two chapters on IC yield and testing in the Computer Engineering Handbook (Outstanding Academic Title for 2002 by Choice Magazine, USA), and more than 40 scientific journal and conference papers.