2006 Workshop on Embedded Systems Education

WESE2006

October 26, 2006, Seoul, South Korea

Preliminary Program

8:30 Opening

8:45 Education Programs and Embedded Systems Consortia

- **Stylianos Mamagkakis**: *Research Network for System Level Design of Embedded Systems: Dynamic Memory Allocation Design Flow Case Study*
- **Kenji Hisazumi**: *QUBE: A Practical Education Program for System LSI Designers*
- **Tai-Yi Huang**: *An Update on the Embedded Software Consortium of Taiwan*

10:00 Coffee Break

10:20 Embedded Systems Courses and Curricula Issues

- **Tulika Mitra**: *Challenges in Designing Embedded Systems Courses*
- **Kenneth Ricks**: *Addressing Embedded Programming Needs within an ECE Curriculum*
- **Jogesh K. Muppala**: *Bringing Embedded Software Closer to Computer Science Students*
- **Shiao-Li Tsao**: *The Development and Deployment of Embedded Software Curricula in Taiwan*

12:00 Lunch

13:20 Embedded Systems Hardware and Methodologies

- **Shekhar Sharad**: *Methodologies to Bring Embedded Systems to Non-EE Students*
- **Shanq-Jang Ruan**: *Development and Analysis of Power Behavior for Embedded System Laboratory*
- **Chi-Sheng Shih**: *Toward HW/SW Integration: Networked Embedded System Design*
- **Falk Salewski**: *Hardware Platform Design Decisions in Embedded Systems A Systematic Teaching Approach*

15:00 Coffee Break

15:20 Embedded Systems Curricula, Programs and Projects

- **Kolin Paul**: *Experiences of a Summer Workshop in Embedded Systems*
- **Hans-Gerhard Gross**: *The Delft MS Curriculum on Embedded Systems*
- **Martin Törngren**: *Experiences from large embedded systems development projects in education, involving industry and research*
- **Lindsay T. Kane**: *The Windows Embedded Academic Program – Retrospective & Directions, 2002-2006*
- **Masaki Yamamoto**: *An Extension Course for Training Trainers of Embedded Software*

17:30 Conclusions and Future Considerations