



# 2007 Workshop on Embedded Systems Education



## WESE2007

October 4-5, 2007, Salzburg, Austria  
Program

### October 4, 2007

9:15      **Opening**  
9:30      **Embedded Systems Courses and Curricula I**

*Jim Hamblen: An Undergraduate Embedded Systems Design Course Based on a Commercial Embedded Operating System*

10:00     **Coffee Break**  
10:30     **Embedded Systems Courses and Curricula II**

*Chen Tianzhou: The 7 Years Embedded System Education in China*  
*Yu-Lun Huang: The Curriculum and Teaching Laboratory for Embedded Systems*  
*Kuo Chen Wu: The Development of Training Course for Embedded Middleware Design*

12:00     **Lunch**  
13:15     **Skills and Learning in Embedded Systems Education**

*Antti Piironen: Problem Based Learning of Embedded Systems Design*  
*Peter Bertels: Gathering Skills for Embedded Systems Design*

14:15     **Minibreak**  
14:30     **SoC in Embedded Systems Education**

*Chian C. Ho: Design Methodology and Lab Example of Soft Speech Codec on Nios II Embedded Platform*  
*Yi-Jung Chen: SoC System Design Program for Computer Science Majors*

15:30     **Coffee Break**  
16:00     **Roundtable Discussion I**

**Workshop attendee roundtable discussion:** *Current and Future Embedded Systems Education Issues.*

17:00     **End of day**

### October 5, 2007

9:00      **Higher-Level Issues in Embedded Systems Education**

*Jeff Jackson: Addressing System-Level Concepts in Embedded Systems Education*  
*Ting-Wei Hou: A Step toward Embedded Programming in High Level Languages*

10:00     **Coffee Break**  
10:30     **Roundtable Discussion II**

**Workshop attendee roundtable discussion:** *Where do we go from here?*

11:30     **Close**