

ISM MTEL 2008 Advance Program

Monday December 15

- 7:30 – 8:30 **Registration**
- 8:30 – 8:40 **Welcome from Conference Chair** (Angel/Belvedere classroom)
- 8:40 – 9:40 **ISM Keynote 1** (Angel/Belvedere classroom)
Wireless Sensors on the Body and Their Applications to Healthcare
RUZENA BAJCSY
- 9:40 – 10:00 **Coffee Break**
- 10:00 – 10:45 **MTEL Keynote** (Belvedere classroom)
A History of Tomorrows in Educational Multimedia
RANDELL B. SMITH
- 10:45 – 12:00 **MTEL Paper Session 1** (Belvedere classroom)
Educational Data Processing Methods
Chair: OLIVER BRDICZKA
Segmentation of Lecture Videos based on Spontaneous Speech Recognition
STEPHAN REPP, CHRISTOPH MEINEL
Distributed Image Processing for Automated Lecture Capture Post-Production
CRAIG THOMPSON, CHRISTOPHER BROOKS, JIM GREER
Whiteboard Content Extraction and Analysis for the Classroom Environment
PAUL E. DICKSON, W. RICHARDS ADRIAN, ALLEN R. HANSON
- 12:00 – 13:00 **Lunch**
- 13:00 – 14:40 **MTEL Paper Session 2** (Belvedere classroom)
Concepts and Systems for Educational Multimedia
Chair: LARS KNIPPING
A Layer-Based Concept for Presentation Systems
GEORG TURBAN, MAX MÜHLHÄUSER
Cross-Media Linking and Tagging Support for Learning Groups
JÜRGEN STEIMLE, OLIVER BRDICZKA
Web Lectures and Web 2.0
MARKUS KETTERL, ROBERT MERTENS, OLIVER VORNBERGER
LMS-coupled Simulations and Assessments in a Digital Systems Course
HEINZ-DIETRICH WUTTKE, KARSTEN HENKE
- 15:00 – 15:20 **Coffee Break**
- 15:20 – 17:20 **Session 3**
Parallel Sessions: *ISM5, ISM 6, MAUBI*
- 18:00 – 20:00 **Reception**