



## The First IEEE International Workshop on Multimedia Technologies for E-Learning (MTEL)

in conjunction with the IEEE International Symposium on Multimedia  
2006 (ISM06)

**December 11-13, 2006, San Diego, California, USA**

<http://www.math.tu-berlin.de/~knipping/ieee/ism06-mtel/>

### Call for Papers

Due to its potential to make learning easier, more convenient, and more effective, education is one of the preeminent areas of application for multimedia. With the present amounts of educational data produced, there is a high demand in techniques and methods capable of handling multimedia contents adequately. Educational content has to be presented, deployed, navigated, searched, retrieved, edited, combined, and reused in a proper way. Most of these topics involve techniques from artificial intelligence, computer vision, multimedia, but also human computer interaction, and psychology. This workshop aims at bringing together researchers who are interested in this intersection area between the technological point of view and the human-centered view. The topics include but are not limited to:

- Automated lecture recording and presentation techniques, lecture analysis and indexing
- Classroom note taking and white-board capturing and analysis
- Automated analysis of learning and teaching interactions
- Multimedia information retrieval for educational use
- Intelligent searching and navigation in e-learning portals
- Interactive computer-based training
- Simulations, animations, and virtual laboratories in teaching
- Virtual reality and augmented reality in education
- Authoring software for e-learning.

### Workshop Proceedings

The workshop solicits regular technical papers of up to 6 pages (IEEE double-column format). Workshop papers will be official publications of IEEE which will be included in IEEEExplore and also be available as printed workshop proceedings. A number of selected papers will be invited for extension and publication in a special issue of the International Journal of Interactive Technology and Smart Education ([ITSE](http://www.itse.org)).

### Submission Details

Papers must be original and not submitted to or accepted by any other conference or journal. Papers should be submitted in electronic form (PDF) to the organizers at [ieeemtel@gmail.com](mailto:ieeemtel@gmail.com).

Submissions must be formatted according to the 8.5x11 inch double column IEEE CS proceedings format and must not exceed 6 pages. For downloading instructions and templates, go to the Author Forms web page of the IEEE Computer Society:

[http://www.computer.org/portal/pages/ieeecs/publications/cps/cps\\_forms.html](http://www.computer.org/portal/pages/ieeecs/publications/cps/cps_forms.html)

Please do not hesitate to email the workshop contact if you have any questions.

### Important Dates

Submission due: August 1, 2006

Notification: September 10, 2006.

Camera-Ready due: September 25, 2006.

### Co-Chairs

Gerald Friedland, FU Berlin, Germany

Lars Knipping, TU Berlin, Germany

### Program Committee

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