



ACM Workshop on Educational Multimedia and Multimedia Education (EMME 2007)

September 28, 2007, Augsburg, Germany
(in conjunction with ACM Multimedia 2007)



2nd CFP: SHORT PAPERS & DEMONSTRATIONS

The question about how multimedia can really make learning more exploratory and enjoyable is as yet unanswered. We are just beginning to understand the real contribution of multimedia to education. In addition, new trends, such as multimedia on handheld devices or advanced approaches for the automatic analysis of multimodal signals, offer novel and exciting opportunities for teaching and learning. The goal of this workshop is thus to identify current and evolving trends, specify open problems, and discover challenges and prospects for new research in the broad topic of multimedia-based education.

We invite contributions on any kind of education-related technology where new media are involved. Truly innovative research on a single media is welcome as well. We are interested in innovative ideas, work in progress as well as in contributions about existing and established systems.

Topics of interest include, but are not limited to:

- **General educational multimedia applications**, e.g.:
 - Repurposing and reuse of educational multimedia material
 - Authoring and content creation process
 - Classroom note taking and whiteboard analysis
 - Automated analysis of participant interactions in lectures and discussion
 - Indexing and multimedia information retrieval for educational uses
 - Intelligent search and navigation in e-learning portals
- **Semantic Computing**, e.g.:
 - Speech and handwriting recognition
 - Image and video understanding
 - Text and natural language understanding
 - Automatic classification and categorization
- **Human-Computer Interaction**, e.g.:
 - New input devices
 - Interface design for educational applications
New interaction styles and paradigms
 - Knowledge and information visualization
 - Interfaces for “intelligent classrooms” and ubiquitous computing environments
 - Usability issues
 - Personalization
- **Mobile and Ubiquitous Computing**, e.g.:
 - Mobile learning applications and services
 - Integration of mobile devices into wired learning environments
 - Mobile collaborative learning
 - Visualization for information access
 - Delivery of educational material on handheld devices

Submissions: Short paper submissions should be up to 4 pages in ACM format. Accepted contributions will be presented at the workshop as posters in a special poster session. Demo submissions should contain an extended abstract for publication in the proceedings (1-2 pages in ACM format) as well as a short, informal description of the demo itself, the required hardware, etc. Accepted demos will be presented during the poster session. It is the responsibility of the authors to provide the required hardware for their demos. Both kinds of contributions will be published in the workshop proceedings as well as the ACM Digital Library.

Workshop Chairs

Gerald Friedland
International Computer Science Institute, Berkeley, CA, USA
Wolfgang Hürst
Albert-Ludwigs-University Freiburg, Germany
Lars Knipping
Berlin University of Technology, Germany

Program Organizer

Max Mühlhäuser, TU Darmstadt, Germany

Important Dates

Deadline for submissions:
June 24, 2007
(11:59pm, Eastern Time)
Notification of acceptance:
July 5, 2007
Final, camera ready version:
July 11, 2007
Workshop:
September 28, 2007