ISIMADE'99

International Symposium on Intelligent Multimedia and Distance Education

In Conjunction with
The 11th International Conference on Systems Research, Informatics and Cybernetics
2-7 August 1999 in Baden-Baden, Germany

ISIMADE'99: CALL FOR PAPERS

Symposium Co-Chairs

Dr. Mahbubur Rahman Syed
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Dr. Orlando R. Baiocchi
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North Dakota State University, USA

Conference Chair

Dr. George E Lasker
School of Computer Science
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Main Topics

Main Topics include, but not limited to:

MULTIMEDIA STREAM:

- Internet applications
- Applications in visualization, human computer interactions
- Applications in virtual environments
- Industrial, medical and other applications
- Multimedia in electronic commerce applications
- Video, audio & image processing and retrieval
- Vision and image processing
- Image data structures and databases
- Video, audio and image compression techniques
- Neural networks and AI applications
- Next generation applications
- Multimedia communications and databases
- Multimedia standards

- Intelligent multimedia
- Document image understanding
- Animation
- Tools for multimedia production and services
- Networked multimedia
- Digital signal processing
- Distributed intelligent systems
- Multimedia and human computer interaction
- Integration of MM information
- Interactive multimedia
- Hypermedia
- Representation of MM information
- Integration of graphics & vision
- Synchronization of mm information
- Multimedia and virtual reality
- Education and applications of mm
- Cooperative information systems

DISTANCE EDUCATION (DE) STREAM:

- DE delivery, experience and tool development at secondary schools, universities, business and industries and in all academic areas such as computer science, arts, engineering, business, medicine etc
- DE, the Internet and Internet-based visualization
- Using computer graphics; visualization for education; video- and multimedia-based learning
- Cognitive aspects of visual teaching and learning
- New educational paradigms such as interactive classrooms, tele-immersion, networked tele-collaboration and WebTV etc.
- Hardware and software tools for educational applications
- Instructional management, student assessment, student support services
- Virtual education environment, virtual university - concepts and futures
- Needs assessments and perspectives including national policies and regional programs

Submissions

Email the electronic version (Word, pdf, postscript or rtf format) of the original research work, not submitted elsewhere, as an extended abstract (limited to 4 pages) or full paper (not exceeding 15 double-spaced pages) to **msyed@badlands.nodak.edu.** Alternatively, submit three copies in hard copy form to: **Dr. Syed M Rahman, Department of Electrical Engineering, ENGR#101, North Dakota State University, Fargo, ND 58105, USA.** A cover sheet should include address, phone/fax numbers, email address of the corresponding author.

All papers must be in English. All submitted papers will be refereed.

Important Dates

EXTENDED ABSTRACT/FULL PAPER TO SYMPOSIUM CO-CHAIR	25 April 1999
NOTIFICATION OF ACCEPTANCE	12 May 1999
RECEIPT OF CAMERA-READY PAPERS BY THE CONFERENCE CHAIR	27 May 1999

Further Details at URL:
http://venus.ee.ndsu.nodak.edu/ee/research/conferences/isimade/