

**First International Conference on
Intelligent Interactive Technologies and Multimedia (IITM 2010)
(Co-Sponsored by ACM IIIT Allahabad Professional Chapter)
Organized by Indian Institute of Information Technology Allahabad, India
December 28-30, 2010 Allahabad, India**

CALL FOR PAPERS

First International Conference on Intelligent Interactive Technologies and Multimedia (IITM 2010) is being held during December 28-30, 2010 at Indian Institute of Information Technology, Allahabad (<http://www.iita.ac.in>). It is well recognized that new paradigms for human machine interfaces are being developed which will define the 21st century standards and enable the world to communicate and interact effortlessly and intuitively.

Authors are invited to submit both research and practice oriented papers in the broad areas of Interactive Technologies and Multimedia, covering topics (but not restricted to) as below:

New Paradigms, methodologies & tools in interactive systems design

Accessibility and Disability, Interactive Systems Case Studies

Perceptual/ Adaptive/ Multi-Modal/ Multi-touch/ Smart Interfaces

Non-Verbal and Brain Computer Interfaces

Speech, Image, Video and multilingual language processing

Knowledge-based approaches to User-interface design

Proactive and agent-based paradigms for user interaction

Example-based and demonstration-based interfaces

Context-Aware Computing

Cultural and Societal Aspects of Interactive systems

User Interface Design and Usability Evaluation Methods

Collaborative Systems

Pervasive and Ubiquitous Environments

Human-Robot Interaction

Intelligent Generation of Multimedia Presentations

e.g. for Learning systems, Health care, Infotainments

Soft Computing and Pattern Recognition

Interaction with Large and Small Displays

Power efficient interaction and expressive interactions

Learning in Interactive systems

User-Centered System Design

User and Work Analysis Methods

User Interface Engineering and Applications

Development suited for different domains.

Novel Interaction Techniques, Tools and Systems

Cognitive Modeling of Users and Prediction of User Behavior

Multimedia Data Modeling Techniques

Multimedia Signal Processing

Multimedia files systems, databases, and retrieval

Visualization Techniques and Animation

Virtual, Augmented Reality and Games

Intelligent Systems for Sense making

Vision of Interactive Systems for the future

Important Dates

Submission of papers	:	September 15, 2010
Notification of acceptance	:	October 10, 2010
Camera-ready manuscripts due	:	October 30, 2010
Conference Workshop	:	December 27, 2010
Conference dates	:	December 28-30, 2010
Early Bird Registration	:	October 25, 2010

Only original technical papers that describe unpublished original research work and are not currently under review by any other conference or journal are solicited. It is expected that the same set of authors would submit no more than two papers. The papers must reach the conference secretariat within the deadline as above. The conference paper format specifications and templates can be found at: <http://www.acm.org/sigs/pubs/proceed/template.html>. A single hardcopy of volume of proceedings comprising of accepted papers in all tracks will be published. However, research papers of type A – Short communications (up to 4 pages) and B – Full research papers (up to 8 pages) recommended by the reviewers would be published in the **Digital Library of ACM** as conference proceedings of the ACM Chapter at IIIT Allahabad. The paper should be submitted through IITM-2010 submission page link: <https://www.easychair.org/account/signin.cgi?conf=iitm2010> of EasyChair conference management system.

For any further information regarding conference visit <http://iitm.iita.ac.in> or email us at iitm@iita.ac.in

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