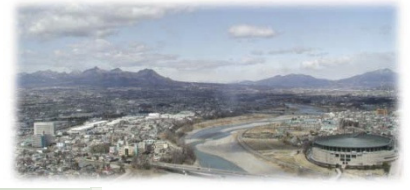




The 2013 International Conference on Active Media Technology (AMT 2013)

October 29-31, 2013, Maebashi, Japan



Call for Papers

<http://wi-consortium.org/conferences/amtbi13/>

INTRODUCTION

In the great digital era, we are witnessing many rapid scientific and technological developments in human-centric, seamless interfaces, devices, connections, mobility, computing resources, computing environments and systems with their applications ranging from business and communication to entertainment learning are collectively best characterized as Active Media Technology (AMT). AMT is a new area of intelligent information technology and computer science that emphasizes the proactive, seamless roles of interfaces, connections, and systems as well as new media in all aspects of digital life. An AMT based system offers active and transparent services to enable the rapid design, implementation and support of customized solutions.

The 1st International Conference on Active Media Technology (AM'01) was held in Hong Kong in 2001, the 2nd, 3rd, and 4th International Conferences on Active Media Technology (AMT'04, AMT'05, AMT'06) were held respectively, in Chongqing China, Kagawa Japan, and Brisbane Australia, and the 5th, 6th, and 7th International Conferences on Active Media Technology (AMT'09, AMT'10, AMT'11) were jointly held with International Conferences on Brain Informatics (BI'09, BI'10, BI'11), respectively, in Beijing China, Toronto Canada, and Lanzhou China. Active Media Technology 2012 (AMT12) was held under the 2012 World Intelligence Congress, jointly with other four international conferences (BI12, WI-IAT12 and ISMIS12) in Macau, China.

Following the success of AMT01, AMT04, AMT05, AMT06, AMT09, AMT10, AMT11 and AMT12, Active Media Technology 2013 will be jointly held with the 2013 International Conference on Brain/Health Informatics (BHI'13). The two conferences will have a joint opening, keynote, reception, and banquet. Attendees only need to register for one conference and can attend sessions, exhibits and demonstrations across the two conferences.

The AMT-BHI 2013 joint conference is co-organized by Web Intelligence Consortium (WIC) (<http://wi-consortium.org>), IEEE Task Force on Brain Informatics (IEEE TF-BI) and Maebashi Institute of Technology.

The topics and areas include, but not limited to:

- ◆ Active Computer Systems and Intelligent Interfaces
- ◆ Adaptive Web Systems and Information Foraging Agents
- ◆ Agent-Based Software Engineering and Multi-Agent Systems
- ◆ AMT for Semantic Web and Web2.0
- ◆ Cognitive Foundations for AMT
- ◆ Data/Web Mining, Ontology Mining and Web Reasoning
- ◆ Digital City and Digital Interactivity
- ◆ E-Commerce and Web Services
- ◆ Entertainment and Social Applications of Active Media
- ◆ Human Modeling and Personalized Services
- ◆ Media Art with Computing
- ◆ Machine Learning and Human-Centric Robotics
- ◆ Network, Mobile and Wireless Security
- ◆ Personalized and Pervasive System and Their Interfaces
- ◆ Semantic Computing for Active Media Systems
- ◆ Sensing Web, Mobile Web and Web of Things
- ◆ Smart Digital Media
- ◆ Transparent Computing and Active Services
- ◆ Trust on Web Information Systems
- ◆ Ubiquitous Intelligent Devices and Systems
- ◆ Web Based Social Networks and Social Media
- ◆ Big Data Curation for Smart Services

IMPORTANT DATES

Electronic submission of full papers: **April 15, 2013**
 Notification of paper acceptance: **June 30, 2013**
 Camera-ready of accepted papers: **July 21, 2013**
 Conference: **October 29-31, 2013**

Electronic submission of abstracts: **July 15, 2013**
 Notification of abstract acceptance: **July 30, 2013**

PAPER SUBMISSION

High-quality papers in all AMT related areas are solicited. Papers exploring new directions will receive a careful and supportive review. All submitted **full-papers** will be reviewed on the basis of technical quality, relevance, significance, and clarity. Authors also can choose **abstract-only** submissions.

All accepted **full-papers** will be published by Springer as a volume of the series of Lecture Notes in Computer Science/Lecture Notes in Artificial Intelligence (LNCS/LNAI). Extensions of selected papers from the proceedings and selected abstracts will be considered for publication in special issues of international journals.

Authors are strongly encouraged to use Springer LNCS/LNAI manuscript submission guidelines (available at <http://www.springer.de/comp/lncs/authors.html>) for their initial submissions (a maximum of 12 pages in Springer LNCS/LNAI style file). All papers must be submitted electronically in PDF format only, using the conference management tool.

Detailed instructions and a full-paper or abstract-only submission form can be found the AMT'13 Web page at <http://wi-consortium.org/conferences/amtbi13/>

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