

# The 6th International Conference on Ubi-Media Computing (UMEDIA 2013)



Nov. 2-4, 2013, Aizuwakamatsu, Japan, <http://www.u-aizu.ac.jp/conference/conf2013/umedia13/>  
in conjunction with 5<sup>th</sup> International Conference on Awareness Science and Technology (iCAST2013)

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## Conference Administration

School of Computer Science & Engineering, University of Aizu, Japan

## Contact information

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Inquiries about registration, local information and services, please contact us at [awaremedia13org@gmail.com](mailto:awaremedia13org@gmail.com)

Inquiries about workshop and special session, please contact us at [icastedia13sscs@gmail.com](mailto:icastedia13sscs@gmail.com)

**Conference Venue:** The University of Aizu, Aizu-Wakamatsu, Japan (This event will be held along with the 20th anniversary of the University of Aizu as it was firstly established in 1993.)

**Sponsor:** IEEE SMCS Japan Chapter

**Technical Co-Sponsors:** IEEE CI Society and IEEE SMC Society

**Additional Support is Provided by (Pending):** IEEE SMCS Technical Committee on Awareness Computing, IEEE CIS Task Force on Aware Computing, IEEE CIS Task Force on Brain Informatics, IEEE Sendai Section, IEEE Tainan Section, Computer Society of India, and Taiwanese Association for Consumer Electronics.

**Scope:** Considering a series of evolutionary innovation over the past decades, a new paradigm - Ubi-Media Computing (UMEDIA), as it is bravely defined, - is initialized and primarily concentrates on the exploration of challenging issues regarding the potential union of ubiquitous computing and communication media for well-being of human beings. Given its multi-disciplinary nature, UMEDIA has attempted to attract a broad range of audience in the past 5 years. UMEDIA 2013 welcomes original, high-quality research contributions that touch all aspects, e.g., theory, system and applications, of Ubi-Media Computing, and furthermore, explore potential research issues due to its promising new business opportunity in information technology and engineering. It will provide the researchers and practitioners opportunities to present, discuss on creation of potential new media using ubiquitous technologies, such as controlling a variety of medias thought ubiquitous embedded devices, providing ubiquitous support through various medias, and achieving context information by observing usage of various media. Relevant topic areas include, but are not limited to:

## Ubi-Media Infrastructure

Heterogeneous Ubi-media Infrastructure  
Ubiquitous Sensor Networks / Devices  
Multimedia Embedded Systems  
Ubi-media Storage and Indexing  
3G and Advanced Communication Techniques  
Cross-Network Communication Techniques

## Ubi-Media Middleware

Context-Aware Multimedia  
Cross-Network Media Server  
Computational Intelligences in Ubi-media  
Semantic Web and Knowledge Grid  
Ubi-media Content Protection and Security  
Privacy & Security in Ubiquitous Environments

## Ubi-Media Human-Computer Interaction

Plasticity of User Interfaces  
Dynamic composition of User Interfaces  
Ubiquitous & Multimodal Interaction  
Media-driven Interaction  
Emerging Studies for HCI

## Ubi-Media Applications

Ubi-media for Education / Commerce  
Ubi-media for Entertainment / Games  
Ubi-media for Medical / Health Care  
Ubi-media for Smart Home / Smart City  
Ubi-media for Citizens and E-Government

## Important dates

- May 1, 2013: Deadline for special session proposal
- May 7, 2013: Notification of special session acceptance
- **June 15, 2013 (new):** Deadline for paper submission
- **July 25, 2013 (new):** Notification of paper acceptance
- **September 5, 2013 (new):** Submission of final camera-ready papers
- September 5, 2013: Early-bird registration

## Paper Submission and Publication

Paper needs to be submitted in IEEE two-column format. Manuscript should be unpublished work, must include enough detail about the goal, the problem to solve, proposed methods and main results. Length of the final camera-ready paper should be 6 pages. A maximum of additional two pages will be allowed with extra payment. Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. Selected papers from the conference will be further considered for publication in international journals.