

IEEE International Workshop on Semantic Multimedia (ICSC-SMM'11)
in conjunction with
THE 5th IEEE INTERNATIONAL CONFERENCE ON SEMANTIC COMPUTING
(<http://www.ieee-icsc.org/ICSC2011/>)

Stanford University
Palo Alto, California, USA
September 18-21, 2011

Semantic multimedia aggregates relevant disciplines, including knowledge representation, signal processing, artificial intelligence, data mining, and pattern recognition to a coherent picture in order to meet the growing interest in effective and efficient management of multimedia collections. There has been substantial progress in the last decades in content analysis, multimedia streaming, and human-centered computing from heterogeneous media sources. Due to the recent progress on semantic web, social tagging, scalable machine learning, and multi-model interaction, it is possible to build a new generation of multimedia applications that enables automatic semantic representation, analysis, and delivery of multimedia data. The aims of this workshop, with a focus on applications for semantic-rich large-scale multimedia information enhanced by semantic technologies, are to search for high quality research contributions on semantic multimedia and provide a forum for multidisciplinary research opportunities.

Topics of interest include but are not limited to practical areas that span a variety of aspects of semantic multimedia including

- Automatic creation of multimedia representations
- Semantic multimedia metadata ontology and management
- Annotation tools and methods for multimedia semantics
- Content and context based multimedia analysis
- Social media computing
- Web-scale multimedia mining and retrieval
- Semantic-based QoS control and scheduling
- Semantic-based Internet data streaming and delivery
- Multimedia-enriched semantic web
- Semantics enabled networking and middleware for multimedia applications
- Service infrastructure, technology, and tools for multimedia software systems
- Semantic multimedia demonstrations and applications
- Multimodal exploitation of multimedia semantics

SUBMISSIONS

Authors are invited to submit a paper up to 6 pages (in English) in double-column IEEE format following the submission guidelines available at the ICSC-2011 web page. Papers must be original and not submitted to or accepted by any other conference or journal. An

electronic version (PDF format) of the full paper should be submitted by the paper submission deadline to [EasyChair](http://www.easychair.org) (<https://www.easychair.org/account/signin.cgi?conf=icsc2011>). All submissions will be acknowledged. More information is available on the ICSC 2011 web page.

Each paper will be peer reviewed by at least two experts in the topical area. Papers accepted by the workshops will be published in the conference proceedings published by IEEE Computer Society Press. Outstanding papers will be selected for extension and publication in internationally renowned journals and will be indexed by both SCI and EI.

IMPORTANT DATES

Regular & short paper submission: June 18th, 2011 (**EXTENDED DEADLINE**)

Notification of acceptance: June 28th, 2011

Camera-ready & author registration: July 15th, 2011

ORGANIZING COMMITTEE

(Any general questions regarding the workshop should be directed to workshop co-chairs.)

Workshop Co-Chairs

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