



CALL FOR PAPERS

Multimedia Tools and Applications (Springer) Special Issue on Multimedia Data Semantics

This special issue invites high quality scientific contributions in multimedia semantic computing, with a focus on how to apply the semantic technologies to the acquisition, generation, transmission, storage, processing, and retrieval of large-scale multimedia information. Discussions on future challenges in multimedia information manipulation, as well as practical solutions for the design and implementation of multimedia database software systems are also encouraged.

Authors of the selected best papers of The 2nd IEEE International Workshop on Data Semantics for Multimedia Systems and Applications (IEEE-DSMSA 2009) will be invited to submit extended versions of their papers for this special issue.

Topics of interest include but are not limited to practical areas that span both semantic technologies and multimedia processing & computing:

- Automatic generation of multimedia presentations
- Semantic multimedia metadata extraction
- Annotation tools and methods for multimedia semantics
- Media ontology generation/learning/reasoning
- Content-based multimedia analysis
- Social media computing
- Web-scale multimedia mining and retrieval
- Multimedia indexing, searching, and retrieving
- Multimedia streaming
- Multimedia data visualization
- Semantic-based QoS control and scheduling
- Semantic-based Internet data streaming and delivery
- Multimedia standards (e.g., MPEG-7 and XMP) and Semantic Web
- Semantics enabled multimedia applications (including annotation, browsing, storage, retrieval, and visualization)
- Semantics enabled networking and middleware for multimedia applications
- Service Infrastructure, technology, and tools for Multimedia software systems

Submission Details

Papers must be original and not submitted to or accepted by any other conference or journal. Prospective contributors are invited to submit papers in A4/US letter, single

column, double space format, up to 30 pages long including figures, tables and references. Manuscript submission is handled by the MTAP Online Manuscript Submission website at: <http://www.editorialmanager.com/mtap/>. During submission, you will be asked to “Choose the article type of your manuscript from the pull-down menu”, please select your article type as “Multimedia Data Semantics”. Important notes: you must choose “Multimedia Data Semantics” if you are submitting your manuscript to our special issue. Detailed information about the Journal, including an author guide and detailed formatting information is available at: <http://www.springer.com/computer/information+systems/journal/11042>.

Important Dates

Paper submission deadline: May 8th, 2010
Notification of acceptance (first decision): July 8th, 2010
Final Manuscript Due: September 8th, 2010

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