

Call for Papers

Signal, Image and Video Processing (SIVP)

Special Issue on

“Multimedia Semantics, Adaptation & Personalization”

The objective of this Special Issue is to collect and report on recent high quality research that addresses the problem of accessing, managing and adapting multimedia content, according to the meaning it embodies. As text-based search engines give way to content and context aware engines, which not only personalize searching and delivery but also the content format, advanced network infrastructures are emerging capable of end-to-end ubiquitous transmission of multimedia content to any device, fixed or mobile, on any network, wired or wireless, at any time. This has enabled propagation of semantic media, adaptation and personalization aspects throughout the entire multimedia analysis value chain, recognising the value of individual users and utilizing the richness and subjectivity of semantics in user queries and human interpretations of audiovisual media. Research in this area is important because of the overwhelming amount of information available as multimedia for the purpose of entertainment, security, education, cultural or technical documentation and the very limited understanding of the semantics of such data sources and, hence, the limited ways in which they can be personalized and adapted to their end-users.

In spite of the multitude of such activities, there is a lack of appropriate outlets for presenting high-quality research in the area of “Semantic Media Adaptation and Personalization”. This Special Issue is addressed to those members of the multimedia community interested in extending their multimedia analysis, indexing, retrieval, and delivery methods by leveraging adaptation and personalization technologies. The benefit is to explore how these technologies can be used to increase the value of multimedia content, e.g. by using ontologies and reasoning to assist multimedia personalization and adaptation. High quality contributions addressing related theoretical and practical aspects are expected.

Topics of interest include, but are not limited to:

- User Modelling
- Semantic Content Creation and Modelling
- Content Adaptation, Management & Delivery
- Adaptive Content Information Retrieval & Filtering
- Multimedia Content Communities
- Intelligent Personalized Interfaces
- Personalized and Adaptive E-Learning
- Personal & Ubiquitous Application Development
- Adaptive & Personalized Multimedia Summaries
- Adaptation & Personalization in TV Environments
- Adaptive Hypermedia
- Network and Device Adaptation

Submission Procedure

Prospective contributors are invited to submit papers in A4 letter, single column format, up to 30 pages long including figures, tables and references. Authors should submit their manuscripts in .pdf, .doc or .tex format at <http://smap2007.org/SIVP-SpecialIssue.php>. Camera-ready papers will have to conform to the SIVP journal style. <http://www.springer.com/engineering/signals/journal/11760?detailsPage=contentItemPage&CIPageCounter=445409>

Important Dates

Deadline for manuscript submission:	30 May 2008
Notification to authors:	21 July 2008
Final accepted manuscript due:	15 September 2008
Estimated publication date:	15 December 2008

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