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# Multimedia Tools and Applications

CALL FOR PAPERS

## Special Issue on: User Centric Media

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The term User Centric Media (UCM) implies high quality media content generated, distributed and experienced by end-users. This type of user centered media requires overcoming of numerous long-term challenges. The trend created by UCM is driven by the more active participation of users to online multimedia content and is expected to speed up as the seamless access to content increases leading to pervasive media. It is expected that UCM will support inventive and creative practices in the arts, science, engineering, education, and business by enabling entirely new types of creative media production and its consumption.

This special issue welcomes high quality scientific contributions focused on all topics ranging in the wide spectrum of User Centric Media, both on theoretical aspects as well as practical frameworks and implementations. Overall, the special issue will outline the recent trends, major challenges, perspectives and identify future directions regarding User Centric Media.

Contributions are invited from prospective authors with interests in the indicated special issue topics and related areas of application. All contributions should be high quality, original and not published elsewhere or submitted for publication during the review period.

### SCOPE OF THE SPECIAL ISSUE

Topics of interest for the Special Issue include, but are not limited to:

- User Media forms and production
  - User centric media services in the extended home
  - Enhanced content representations (3DTV, Ultra HD TV, holograms, etc).
  - Implementation and experimentation of Future Internet applications e.g. virtual 3D worlds, collaborative platforms and holograms
  - Novel Networked Media Systems to support human creativity at the cross roads of ICT and arts/design research
  - User generated content creation, management and consumption systems
  - Framed communication experiences
  - New forms of interactive storytelling
- Media delivery
  - Open Future Internet network architectures for seamless, scalable multimedia content delivery
  - Content-awareness and content location awareness
  - Adaptive, polymorphic and reconfigurable systems for Future Media Internet environments
  - Content aware networks and network aware content/applications
  - Peer-to-peer streaming prototypes and their implementation in the Future Media Internet
  - Cross-layer dynamic adaptation and end-to-end QoS issues for heterogeneous networks
  - Innovative, adaptive and self-configuring mobile and wireless applications
  - Encoding technologies for maintaining the integrity and optimise the quality of experience.

- Content distribution and distributed caching for multimedia content streaming
- User Media access, discovery and consumption
  - User Communities Systems and Platforms
  - Content adaptability and enrichment
  - Search and retrieval of networked multimedia content
  - Personalized Access to Media Systems
  - Trust, privacy, security and protection

## PAPER FORMAT

Papers must be typed in a font size no smaller than 10 pt, and presented in single-column format with double line spacing on one side A4 paper. All pages should be numbered. The manuscript should be formatted according to the requirements of the journal. 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>

## SUBMISSION DETAILS

All papers must be submitted online through the journals Editorial Manager system:

<http://mtap.edmgr.com>.

When uploading your paper, please mention the special issue title in the covering letter and in the appropriate fields of the online form which requests this information.

Besides regular submissions, quality papers will be selected from the 2nd International ICST Conference on User Centric Media, to be held in Palma de Mallorca, Spain on 1-3 September 2010, (UCMedia 2010 <http://www.usercentricmedia.org>) and authors will be invited to submit an extended version of their paper to this special issue.

All papers will be rigorously reviewed by at least two reviewers based on the quality: originality, high scientific quality, organization and clarity of writing, and support provided for assertions and conclusion.

## DEADLINES

*Tentative time frame for submissions and publications*

Paper Due:	October 15, 2010.
Acceptance Notification:	January 30, 2011
Camera-Ready Final Paper Due:	March 1st, 2011
Publication Date:	2nd Quarter, 2011

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