

Multimedia over Wireless Symposium

The 6th International Wireless Communications and Mobile Computing Conference (IWCMC 2010)

Caen, France, June 28 – July, 2010

<http://iwcmc.com/index.htm>

The synergy between the wireless systems such as 3G wireless Internet and multimedia promises to bring a tremendous growth in interactive multimedia applications, such as video conferences, video games and TV broadcasting. To support these multimedia applications, wireless systems must implement end-to-end Quality of Service (QoS) support throughout all their underlying networks. However, the wireless channel unreliability and stringent delay constraints in wireless multimedia systems are still significant obstacles for these applications and services. It has strong needs to propose novel wireless multimedia protocols such as efficient MAC/ Routing protocol and cross-layer adaptation techniques to maximize the system performance and innovate new applications and services to satisfy users' future requirements.

The symposium aims to solicit high quality submissions in both theoretical and practical research that can advance the future wireless multimedia system. The papers submitted to this symposium should focus on the state-of-the-art research in various important areas related to the coding and transmission of multimedia information over wireless networks.

Topics of interest include, but are not limited to

- Multimedia over wireless peer-to-peer (P2P) networks
- Cross-layer design for multimedia communication system
- Rate control and adaptation for wireless video
- Multimedia processing for wireless sensor networks
- Advanced multimedia coding algorithms
- Wireless multimedia sensor networks
- Joint source-channel coding for reliable multimedia delivery
- QoS signaling and protocols for wireless multimedia
- Architectures for wireless multimedia communications
- Multimedia over cognitive radio networks
- Error resilience and concealment
- Multimedia over wireless testbeds and related research infrastructures
- Multimedia security over wireless networks
- Applications, best practices, and standard's support

Only original and unpublished paper will be considered. All papers including results, figures and references are limited to six pages in double-column and must be written in IEEE format. All

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papers must be submitted electronically through EDAS (<http://edas.info/>). Please choose IWCMC 2010 – Multimedia over Wireless Symposium in EDAS during submissions.

Paper Submission Deadline: **15 December 2009**

Paper Acceptance Notification: **15 March 2010**

Camera-ready Paper Submissions: **1 April 2010**

Registration Deadline for Authors: **1 April 2010**

Chair:

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