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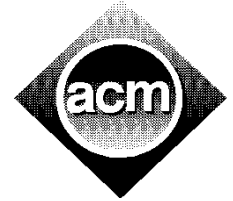Sigint Solutions, Cyprus

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Ajou University, Korea

Jonathan Rodriguez
University of Aveiro, Portugal

Christos Verikoukis
CTTC, Barcelona, Spain

Local Arrangements Chairs
Bee-Lian Tang
Kingston University London, UK

Conference Coordinator
Maria Morozova
ICST, Europe

Local Host

Kingston University London

Wireless Multimedia Networking (WMN) Group
Faculty of Computing, Information Systems and Mathematics

MobiMedia

5th International Mobile Multimedia Communications Conference
September 7-9, 2009: London, UK

CALL FOR PARTICIPATION

Scope:

The successful development of multimedia services and applications in mobile environments requires adopting an interdisciplinary approach where multimedia, physical layer and networking issues are addressed jointly. Multimedia semantic characteristics, human interpretation of audiovisual information, extraction and usage of semantic information, coding standards and their interaction with transmission and networking aspects, mobility and security protocols are research challenges that need to be carefully examined when proposing new solutions. Many are the applications that will be enabled by the new standards for mobile networking, such as triple services for mobile networks, digital television in a converged environment, video streaming, interactive gaming, navigation services, context aware services, emergency and healthcare applications, and immersive communications in virtual environments. The efficient delivery of multimedia applications and services over emerging diverse and heterogeneous wireless networks is a challenging research objective. The research effort for the 4G vision of interworking among heterogeneous technologies to achieve multimedia session continuity, retain multimedia QoS characteristics etc., amplifies the need to evaluate the conditions and restrictions under which the delivery of such services can be accomplished. Within this scope, MobiMedia is intended to provide a unique international forum for researchers from industry and academia, working in multimedia coding, mobile communications and networking, to study new technologies, applications and standards.

Technical program:

The MobiMedia 2009 conference will address Mobile Multimedia Communications with technical sessions focusing on video and audio coding solutions, wireless delivery mechanisms and new applications and services. In addition, two special sessions will address hot topics such as distributed video coding and video transmission over wireless local area networks. Panel sessions will address emerging technologies and applications. Three workshops on selected topics in the area will run in parallel.
A tutorial on Mobile Video Compression will open the conference.

Keynote speakers include:
Dr. Bart Van Caenegem, European Commission, DG INFSO
Prof. Chang Wen Chen, State University of New York at Buffalo
Prof. Bernd Girod, Stanford University
Dr. Martin Hahn, European Commission, DG INFSO
Prof. Fernando Pereira, IST Lisbon
Invited speakers include:
Dr. Gunther Auer (Docomo Eurolabs, Germany)
Dr. Harald Haas (Univ. of Edinburgh, UK)
Jerry Kramskoy (British Broadcasting Corporation, BBC, UK)
Phillipa Marks (Ofcom Spectrum Advisory Board, UK)
Dr. Dorgham Sisalem (Tekelec, Germany)

Students Award & Grants: Student prizes will be awarded to the best papers authored by full time students as first author.