

Special Session: “Advances in Multimedia Delivery” (AMD)

Scope

Latest advances in multimedia content encoding and representation, including HDTV, 3DTV, multi-view video and associated added-value interactive services, are offering to the end user a truly rich multimedia experience. On the other hand, the scope of media delivery itself is expanding beyond traditional broadcast TV to active content sharing among all users. It is thus self-evident that the reliable, efficient and timely handling of all these enhanced multimedia services is not only a sine qua non but also a significant challenge for new wired and wireless networking architectures. Future networks, at core and access level, should be able to provide to the end user ubiquitous access (at home, at office and on the move) to both live and on-demand rich media content. Towards this aim, a significant number of research efforts are being carried out throughout the world.

The following research areas fall within the scope of this Special Session:

- Next-Generation infrastructures for multimedia delivery
- Satellite and terrestrial multimedia broadcasting systems
- Mobile TV
- Interactive broadcasting
- IP and non-IP transport and session control protocols
- IPTV platforms and standards
- Web Radio and WebTV
- Peer-to-peer streaming architectures
- Scalable media transmission
- Error protection and concealment
- AAA (Authentication, Authorization, Accounting) issues
- Security, encryption and digital rights management for multimedia content
- Quality of Service and Quality of Experience
- Market trends and business aspects

We invite original contributions that are not submitted concurrently to another conference. Both PDF and source (Word, LaTeX) versions of the paper, including figures and tables should be submitted electronically to any of the Special Session chairs (see e-mails below). Accepted papers will be formatted according to the TEMU instructions (<http://www.temu.gr/2010/author.html>).

Session Co-Chairs

- **Dr Georgios Gardikis** (gardikis@epp.teicrete.gr), Technological Educational Institute of Crete, Greece
- **George Xilouris** (xilouris@epp.teicrete.gr), Technological Educational Institute of Crete, Greece
- **Dr Harilaos Koumaras** (koumaras@iit.demokritos.gr), NCSR “Demokritos”, Greece

Important Dates

- Full papers submission: **March 20, 2010**
- Notification of acceptance: **April 16, 2010**
- Camera ready papers: **May 8, 2010**