

2nd International Workshop on Multimedia-Aware Networking (WoMAN2012)

as part of TEMU 2012, July 30 – August 1 2012, Heraklion, Crete, Greece, <http://www.temu.gr>



General Co-Chairs

Daniel Negru

LaBRI, France

Eugen Borcoci

UPB, Romania

Christian Timmerer

Klagenfurt University,
Austria

George Xilouris

NCSR Demokritos, Greece

Evangelos Markakis

TEI of Crete, Greece

TPC Members

Hermann Hellwagner

Klagenfurt University,
Austria

Laszlo Böszörményi

Klagenfurt University,
Austria

Fidel Liberal

University of the Basque
Country, Spain

Ali C. Begen

Cisco Systems, Inc., US

Alexandros Tourapis

Magnum Semiconductor, US

Emanuele Quacchio

STMicroelectronics, Italy

Ulrich Engelke

Blekinge Institute of
Technology, Sweden

Lingfen Sun

University of Plymouth, UK

Anastasios Ntagiuklas

TEI of Messolonghi, Greece

Evangelos Pallis

TEI of Crete, Greece

George Mastorakis

TEI of Crete, Greece

Georgios Gardikis

NCSR Demokritos, Greece

Important Dates

Submission: 07/05/2012

Notification: 04/06/2012

Camera-ready: 25/06/2012

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. At the same time advances in communications systems and network technologies give the ability to apply in-network processing techniques in order to take advantage of the available user and media contextual information for efficient, flexible and auto-configurable media transmission. On the other hand network-aware applications and cross-layer mechanisms are being developed in order to take advantage of network information in order to adapt the media to the current network conditions, terminal capabilities, and user preferences. This workshop solicits novel contributions and breaking results on all aspects of multimedia-aware networking. In particular, workshop papers should describe algorithms, issues and experiences related to content-aware networking and network-aware applications, future (media) Internet architectures, User-Generated Content and High-popularity VoD.

We are particularly interested in (but not limited to) areas such as:

- Content Aware Networking and Network Aware Applications
 - ✓ Content creation: coding (e.g., 2D/3D, SVC, HEVC), preparation, packaging
 - ✓ Content delivery: transport, streaming, live, on-demand, real-time, download
 - ✓ Content adaptation: server, in-network, client
 - ✓ Content-aware and media-aware forwarding and routing
 - ✓ Content consumption: widget
- Context Aware Applications and Networks
 - ✓ Future Internet architectures and content/media centric aspects
 - ✓ Network/infrastructure management and virtualization
 - ✓ Cross-layer design, cross-layer optimization
- User-Generated Content
 - ✓ User generated content creation, management and consumption systems
 - ✓ User centric media services
 - ✓ Personalized access to media systems
- High-popularity VoD
 - ✓ Scalable and cost-efficient content distribution architecture
 - ✓ Optimized resources utilization and cost
 - ✓ Enhanced user experience for heterogeneous and extended user environment.
 - ✓ Dynamic Adaptive Streaming over HTTP

Authors are invited to submit original and unpublished work, not exceeding 6 pages-long, following the [Standard IEEE conference templates for MS Word or LaTeX formats](#). Papers should be submitted as PDF files through the EDAS system (<http://edas.info/N12507>). All submitted papers will be subject to three independent reviews. An accepted paper must be registered, and presented at the conference venue by one of the authors registered at the full registration rate. Each Accepted paper in WoMAN2012 will be also published in IEEE Xplore.

Contact

Evangelos Markakis

emarkakis@pasiphae.teicrete.gr

George Xilouris

xilouris@iit.demokritos.gr