

Deadline Extended (hard deadline): Feb 15th, 2009

Call for Papers

**2nd International Workshop on
FUTURE MULTIMEDIA NETWORKING**
IEEE Technical Sponsorship and in Collaboration with ACM
Sponsored also by IET and the British Computer Society
<http://fmn2009.dei.uc.pt>
June, 22nd and 23rd 2009, Coimbra, Portugal

“AUTONOMIC CONTENT NETWORKING”

AIMS AND GOALS OF THE WORKSHOP

In recent years real-time multimedia services have been contributing extensively to our life experience and are expected to be among the most important applications in the future Internet. The management of content distribution services is an important key to attract and keep customers, while increasing profits to content providers. At the same time the complexity and dynamics of content networks require special solutions in order to provide efficient delivery and deployment of real-time multimedia services. Further, emerging diverse and heterogeneous wired and wireless systems is a challenging research objective. The interoperability of applications, transport and network protocols, as well as, the demand for improved *Quality of Service* (QoS) and *Quality of Experience* (QoE), and seamless mobility control creates a challenging study field and also possibilities for research of novel communication protocols, architectures and methods towards **Future Multimedia Networking Systems**. Thus, one major challenge is the ever growing complexity of communication management and network maintenance. Hence, solutions are required in which services, management and administration entities interact and behave autonomously, with the overall goal of creating **Autonomic Content Networks**.

The objective of the **Future Multimedia Networking** (FMN'09) workshop is to discuss state-of-the-art research and developing activities contributing to aspects of multimedia systems, content networking, and autonomous communication. We are inviting both theoretical and experimental papers as well as work-in-progress research. Topics of interest include, but are not limited to:

- Autonomous management in next generation content networks
- Content delivery networks and autonomic content networks
- Audio-visual systems
- Novel protocols for multimedia services supporting autonomous network operations
- Grid networking for multimedia services
- Multimedia in personal, sensor and ad-hoc networks
- Multimedia in peer-to-peer networks and autonomic network infrastructures

- Quality of service management in content networks and emerging autonomous content networks
- Quality of experience management in content networks and emerging autonomous content networks
- Management of service oriented architectures
- Seamless mobility of multimedia services in emerging autonomous content networks
- Novel multimedia architectures/platforms
- Multicast and broadcast multimedia service management
- IP multimedia system operations and management
- Resource reservation for multimedia services
- Multimedia in mobile and broadband wireless access networks, and emerging autonomous content networks
- Context-aware content distribution

PARALLEL POSTER/DEMONSTRATION SESSION

A parallel poster/demonstration session entitled “Demonstrations on Future Multimedia and Autonomic Content Networking” will be organized along with the main workshop. This event encourages researchers to present and discuss “work-in-progress” or “experience-in-practice” of their current implementations and research prototypes that cover the topics of FMN’09. Authors are invited to submit a short paper of up to 6 pages following the format of workshop. All accepted short papers will be included in the proceedings of FMN’09. The papers should specifically focus on implementation and practical aspects such as

- Experiments/lessons from recent deployments
- Performance evaluation of multimedia services
- Network measurement/monitoring for multimedia services

PUBLICATION

Proceedings: FMN’09 papers will be **published by Springer-Verlag - LNCS series.**

Special Issue Journal Publication: Special Issue Journal Publication: Extended versions of best papers of the workshop will be considered for publication in a Special Issue of the Springer's International Journal of Multimedia Tools and Applications (MTAP).

BEST PAPER AWARD

One best paper award, selected by the organizing committee, based on referee reviews, will be presented to the author(s) of the best paper submitted to the workshop along with other awards presented during the social event.

PAPER SUBMISSION

Papers reporting original and unpublished research results on FMN’09 topics are solicited. Submissions must not be under consideration for publication elsewhere while being evaluated for this workshop.

• **Formatting:** The proceedings will be published by the **Springer-Verlag - LNCS series**.

- **Full papers (main workshop):** The maximum size of papers should be 5000 words including tables and figures. Please adhere to the [formatting standard for a 12-page manuscript of Springer-Verlag LNCS](#). The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address.
- **Short Papers (poster/demonstration):** The maximum size of posters/demos should be 2500 words including tables and figures. Please adhere to the [formatting standard for a 6-page manuscript of Springer-Verlag LNCS](#). The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address.

• **How to submit:** The paper submission for FMN'09 will only be accepted through the *EDAS Paper Submission System* accessible from the link on the website. Only papers in PDF will be accepted for reviewing. Submissions as e-mail attachment will not be accepted. **A paper can be registered first and then uploaded at any time up to the paper submission deadline!**

To register or submit a **[FULL PAPER](http://edas.info/7119)** click on <http://edas.info/7119>

To register or submit a **[SHORT PAPER](http://edas.info/7273)** click on <http://edas.info/7273>

• **Reviewing:** Consistent with standard practice, each submitted paper will receive rigorous peer reviewing. Papers will be selected based on their originality, timeliness, significance, relevance and clarity of presentation. Selection will be based on full papers. Submission implies the willingness of at least one of the authors to register and present the paper, if accepted. All accepted papers of the workshop are expected to be presented and will be included in the workshop proceedings.

IMPORTANT DATES

Full Paper submission deadline:	2009 / January / 31 (Extended to Feb 15th)
Short Paper submission deadline:	2009 / February / 20
Acceptance notification:	2009 / March / 17
Camera ready:	2009 / April / 4

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