



**12<sup>th</sup> IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services (MMNS 2009)**  
(part of MANWEEK 2009, October 26-30)  
Telecom Italia Future Centre, Venice, Italy  
<http://www.manweek.org/2009>



**The paper submission deadline has been extended to May 22, 2009 (firm deadline)**

**Conference Co-Chairs**

- Paolo Bellavista  
University of Bologna, Italy  
[paolo.bellavista@unibo.it](mailto:paolo.bellavista@unibo.it);  
<http://lia.deis.unibo.it/Staff/PaoloBellavista/>
- Tom Pfeifer  
Waterford Institute of Technology, Ireland  
[tpfeifer@tssg.org](mailto:tpfeifer@tssg.org);  
<http://www.tssg.org/people/tpfeifer/>

**Technical Program Committee Members**

- Nazim Agoulmine, Univ. Evry, France
- Toufik Ahmed, Univ. Bordeaux1, France
- Fan Bai, General Motors Res., USA
- Sasitharan Balasubramaniam, Waterford Inst. Technology, Ireland
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- Lukas Kencel, Czech Tech. Univ. (CTU), Czech Rep.
- Francine Krief, Bordeaux1 Univ., France
- Dilip Krishnaswamy, Qualcomm, USA
- Hanan Lutfiyya, Univ. Western

**“Management of Wired-Wireless Multimedia Networks and Services”**

**IMPORTANT DATES:**

- ✚ Paper Submission Deadline **extended to May 22, 2009**

**CALL FOR PAPERS**

The 12th IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services (MMNS) will be held in October 26 to 30, 2009 at the fascinating Telecom Italia Future Centre (<http://www.telecomfuturecentre.it>) in Campo San Salvador, in the worldwide known and magnificent Venice, Italy, as part of the 5th International Week on the Management of Networks and Services (Manweek 2009).

The MMNS 2009 conference will provide participants with a high quality and intimate setting for discussion and debate. The conference is sponsored by the International Federation for Information Processing (IFIP) Working Group 6.6 on Management of Networks and Distributed Systems, with technical co-sponsorship by the IEEE Communications Society and specifically the Technical Committee on Network Operations and Management (CNOM).

**SCOPE OF MMNS 2009**

Since 1997, MMNS has established itself as a major conference for research and innovation in the management of multimedia technology and networked services. The scope of the conference has been expanded in recent years to include management of emerging mobile and wireless networks and their integration with more traditional network infrastructures. The objective of the conference is to bring together researchers and scientists from academia and industry interested in state-of-the-art management of converged multimedia networks and services across heterogeneous networking infrastructures, while creating a public venue for result dissemination and intellectual collaboration.

The convergence of existing and emerging technologies such as broadband, mobile, and broadcast networks is considered as a promising opportunity for existing providers to increase their service subscriber base, so that the 4G vision and beyond becomes a reality. An important research effort is undertaken by main actors to face the multidimensional, in terms of transport technology, session signaling, and QoS provisioning, heterogeneity of Next Generation Networks (NGNs). The efficient management of wireless and wired technologies side-by-side and of the number of multimedia services provisioned over these integrated networks is a key ingredient in the effort to provide cost effective, innovative, and mass-market solutions that are likely to become a major source of income for different stakeholders. The need to evolve management tools, solutions, platforms and methodologies to keep pace with emerging networks is at a critical juncture with the proliferation of mobile and wireless systems, intelligent and broadband networks, quadruple play convergence, and the integration of embedded systems in different domains, from smart homes/cities to next generation automotive systems.

The academic and industry research communities should unify forces to address the challenges of developing and operating converged multimedia networks and services. Inevitably, integrated management is a key element in addressing this challenge. The MMNS 2009 technical program committee is soliciting research papers in the broad area of network and service management that address new models, architectures, and technological designs to enable multimedia and mobility proliferation in NGNs. MMNS 2009

<p>Ontario, Canada</p> <ul style="list-style-type: none"> <li>• Thomas Magedanz, FOKUS, Germany</li> <li>• Alan Marshall, Queen's Univ. Belfast, UK</li> <li>• Maja Matijasevic, Univ. Zagreb, Croatia</li> <li>• Sven van der Meer, Waterford Inst. Technology, Ireland</li> <li>• Kai Miao, Intel Corp., USA</li> <li>• Gabriel-Miro Muntean, Dublin City Univ., Ireland</li> <li>• Liam Murphy, UCD, Ireland</li> <li>• George Pavlou, Univ. College London, UK</li> <li>• Gerard Parr, Univ. Ulster, UK</li> <li>• Aiko Pras, Univ. Twente, Netherlands</li> <li>• Guy Pujolle, Univ. Paris6, France</li> <li>• Viji Raveendran, Qualcomm Inc., USA</li> <li>• Danny Raz, Technion, Israel</li> <li>• Karim Seada, Nokia Research, USA</li> <li>• Dorgham Sisalem, Tekelec, USA</li> <li>• Ralf Steinmetz, Darmstadt Univ., Germany</li> <li>• Burkhard Stiller, Univ. Zurich and ETH, Switzerland</li> <li>• Christian Timmerer, Klagenfurt Univ., Austria</li> <li>• John Vicente, Intel Corp., USA</li> <li>• Theodore Willke, Intel Corp., USA</li> <li>• Theodore Zahariad, Ellemedia, Greece</li> <li>• Roger Zimmermann, Nat. Univ. Singapore, Singapore</li> </ul> <p><b><u>IMPORTANT DATES</u></b></p> <ul style="list-style-type: none"> <li>• Paper Submission <b>extended to: May 22, 2009</b></li> <li>• Acceptance Notification: <b>June 30, 2009</b></li> <li>• Camera-ready Papers Due: <b>July 18, 2009</b></li> <li>• Conference Dates: <b>October 26-27, 2009</b></li> </ul>	<p>intends to continue the success of the outstanding agendas of the past, and will emphasize and solicit novel research in the management of wired-wireless multimedia networks and services.</p> <p>Topics of interest include but are not limited to:</p> <ul style="list-style-type: none"> <li>✚ Management of multimedia streaming and real-time service delivery</li> <li>✚ Management of wireless ad-hoc/mesh networks</li> <li>✚ Management of NGN/4G networks and services</li> <li>✚ Management of Service Oriented Architectures</li> <li>✚ Management of sensor networks for enhanced multimedia provisioning</li> <li>✚ Middleware for the management of mobile multimedia services</li> <li>✚ Middleware support for seamless mobility of multimedia services</li> <li>✚ Multi-service/multiple-play over IP (voice, video, data and mobility over IP) network management</li> <li>✚ Grid networking for multimedia</li> <li>✚ Cross-layer multimedia management</li> <li>✚ Multimedia in peer-to-peer networks</li> <li>✚ Quality of service management in multimedia and mobile networks</li> <li>✚ Planning and optimization of multimedia and mobile networks</li> <li>✚ IP Multimedia Subsystem (IMS) operations and management</li> <li>✚ Management of service delivery platforms</li> <li>✚ Management of content distribution networking</li> <li>✚ Distributed multimedia service management</li> <li>✚ Performance evaluation of multimedia and mobile services</li> <li>✚ Wireless/mobile multimedia broadcast/multicast technologies</li> <li>✚ Novel protocols for multimedia services</li> <li>✚ Multi-point and multicast service management</li> <li>✚ Pricing, accounting, and billing for multimedia services</li> <li>✚ Management of trust and security for mobile and multimedia networks and services</li> <li>✚ Self-* properties of multimedia and mobile networks and services</li> <li>✚ Network virtualization for network management and service provisioning</li> <li>✚ Remote over-the-air manageability in mobile networks</li> <li>✚ End-to-end management for multimedia transmission in mobile/wireless networks</li> <li>✚ Mobile platform architecture optimizations for management services</li> <li>✚ Network manageability across heterogeneous wireless networks</li> <li>✚ Novel network architectures for mobile network management services</li> </ul> <p><b><u>PAPER SUBMISSION</u></b></p> <p>Paper submissions must present original and unpublished research work or experiences. Late-breaking advances and work-in-progress reports from ongoing research are also encouraged for submission to MMNS 2009. Papers under review elsewhere <b>MUST NOT</b> be submitted to MMNS 2009. Authors are requested to submit either long papers or short papers (work-in-progress reports), strictly in LNCS format (see below):</p> <ul style="list-style-type: none"> <li>✚ Long papers (up to 12 single-spaced single-column pages)</li> <li>✚ Short papers describing work-in-progress (up to 6 single-spaced single-column pages)</li> </ul> <p>Submissions exceeding the above mentioned paper size will not be reviewed and will be returned to the authors. Please visit the conference website for detailed submission instructions: <a href="http://www.manweek.org/2009/mmns/">http://www.manweek.org/2009/mmns/</a></p> <p><b><u>PROCEEDINGS</u></b></p> <p>The MMNS 2009 proceedings will be published in the Springer-Verlag Lecture Notes in Computer Science series (pending approval). For more information regarding manuscript format please visit the authors' instruction links at LNCS Springer. Awards will be presented to the best paper and to the best student paper at the conference. Furthermore, the best papers of MMNS 2009 will be invited to be submitted as extended versions to the IEEE Transactions on Network and Service Management - TNSM.</p>
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