

## ***Int'l Workshop on IPTV Technologies and Multidisciplinary Applications (IWITMA 2009)***

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The International Workshop on IPTV Technologies and Multidisciplinary Applications (IWITMA 2009) is a one-day event to be held in conjunction with the 10th International Conference on Telecommunications ConTEL 2009. ConTEL 2009 is organized by the University of Zagreb – Faculty of Electrical Engineering and Computing and the IEEE Communication Society Croatia Chapter, and technically cosponsored by the IEEE Communications Society, IEEE Croatia Section, and IEEE Region 8. The tentative day of the workshop is June 8, 2009.

**For up-to-date information on ConTEL and IWITMA, visit the ConTEL 2009 Homepage:**  
<http://www.contel.hr/>.

The workshop seeks innovative technical papers on all aspects of IPTV in multimedia broadcasting, including architectural standardization, content protection, quality of service and quality of experience, middleware, etc. Topics include but are not limited to:

- Architectures for IPTV systems (including NGN based, Non-NGN based, IPTV service and scenario, etc.)
- IPTV Service deployments, interactivity, datacasting
- IPTV QoS/QoE issues (including performance considerations, traffic management, cross layer reliability solutions, monitoring, etc.)
- Video Content Distribution Networks for distributed IPTV systems
- IPTV system integration issues (including head-end integration, networking, end systems, portability scalability / interoperability aspects, etc.)
- Mobile IPTV (system deployment, mobile extension considerations, etc.)
- IPTV test beds and field trials for multimedia broadcasting applications
- IPTV home networks, set-top-box and home networking
- Architectures for P2P-based IPTV Service delivery
- Mathematical and analytical models for IPTV networks
- IPTV content consumption measurement, congestion control, rate control
- IPTV processing, video coding and processing
- IPTV content protection and watermarking.

Additionally, the workshop plans to bring an invited speaker to talk on “IPTV in Industry”, i.e., to discuss original contributions from various industry IPTV domains (e.g. consumer electronics, broadcasters, producers, broadband companies, software and hardware developers, telecom operators). The objective will be discussing evidences of issues regarding IPTV technologies' dealing with industry cases in the above areas of interest.

### **IMPORTANT DATES**

<b>February 1, 2009:</b>	<b>Full Papers, Due</b>
March 27, 2009:	Notification of Acceptance/Rejection
April 24, 2009:	Final, Camera Ready Papers, Due

### **PAPER SUBMISSION**

Paper submissions for this workshop should follow the submission format and guidelines for regular ConTEL papers, and be submitted electronically before submission deadline, via EDAS (<http://www.edas.info/7067>), under the track “Workshop on IPTV Technologies and Multidisciplinary Applications”. Please see ConTEL web site (<http://www.contel.hr>) for details. Submitted papers will undergo a peer review process and accepted papers will be published in the special section of the ConTEL 2009 conference proceedings and IEEE Xplore.

**Best papers (extended version) selected by TPC will be published in a special issue of the International Journal Multimedia Tools and Applications (Springer).** IJMTA is a journal in IPTV area with impact factor (JCR) and indexed through Science Citation Index (SCI).

For all questions about the workshop, or expression of interest in joining the Technical Program Committee (TPC) for this event, please contact the Workshop Chair ([ombonastre@ieee.org](mailto:ombonastre@ieee.org)).