



# IEEE Signal Processing Society 2009 International Workshop on Multimedia Signal Processing

October 5-7, 2009  
Sheraton Rio Hotel & Resort  
Rio de Janeiro, Brazil

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## MMSP-09 Call for Papers

**Submission deadline extended to May 1<sup>st</sup>, 2009!**

**MMSP-09** is the eleventh international workshop on multimedia signal processing. The workshop is organized by the Multimedia Signal Processing Technical Committee of the IEEE Signal Processing Society.

Organized in Rio de Janeiro, MMSP-09 provides excellent conditions for brainstorming on, and sharing the latest advances in multimedia signal processing and technology in one of the most beautiful and exciting cities in the world.

### SCOPE

The focus of MMSP-09 is **MULTIMEDIA FOR IMMERSIVE TELECOMMUNICATION AND HUMAN COLLABORATION**. Papers are solicited on the following topics (but not limited to) :

- **Systems and applications**
  - Teleconferencing, telepresence, tele-immersion, immersive environments
  - Virtual classrooms and distance learning
  - Multimodal collaboration, online multiplayer gaming, social networking
  - Telemedicine, human-human distance collaboration, multimodal storage and retrieval
- **Multimedia for communication and collaboration**
  - Ad hoc broadband sensor array processing
  - Microphone and camera array processing
  - Automatic sensor calibration, synchronization
  - Source separation, source localization, de-noising, enhancement, spatialization
- **Scene analysis for immersive telecommunication and human collaboration**
  - Audiovisual scene analysis
  - Object detection, identification, and tracking
  - Gesture, face, and human pose recognition
  - Presence detection and activity classification
  - Multimodal sensor fusion
- **Coding**
  - Distributed/centralized source coding for sensor arrays
  - Scalable source coding for multiparty conferencing
  - Error/loss resilient coding for telecommunications, channel coding and error protection
- **Networking**
  - Voice and video over IP and wireless, quality monitoring and management, security
  - Priority-based QoS control and scheduling, ad-hoc and real time communications
  - Channel coding, packetization, synchronization, buffering

A thematic emphasis for MMSP-09 is on topics related to multimedia processing and interaction for immersive telecommunications and collaboration. Papers on these topics are encouraged.

### SCHEDULE

- Special Sessions (contact the respective chair by): **March 9, 2009**
- Papers (full paper, 4-6pages): ~~April 17, 2009~~ **extended to May 1<sup>st</sup>, 2009!**
- Notification of acceptance by: **June 13, 2009**
- Camera-ready paper submission by: **July 6, 2009**

**MORE INFORMATION** is available at <http://mmsp09.org>

### TECHNICAL PROGRAM COMMITTEE

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