The Twelfth International Conference on Multimodal Interfaces and the Seventh Workshop on Machine Learning for Multimodal Interaction will be held jointly in Beijing China during November 8-10, 2010. The main aim of ICMI-MLMI 2010 is to further scientific research within the broad field of multimodal interaction, methods, and systems, focusing on major trends and challenges, and working towards identifying a roadmap for future research and commercial success. The conference will continue to feature a single-track with keynote speakers, technical paper presentations, poster sessions, a doctoral consortium, and demonstrations of state of the art multimodal systems and concepts.

Topics of interest include, but are not limited to:
- Multimodal input and output interfaces
- Multimodal human behavior analysis
- Machine learning methods for multimodal processing
- Fusion techniques and hybrid architectures
- Processing of language and action patterns
- Gaze and vision-based interfaces
- Speech and conversational interfaces
- Pen-based interfaces
- Haptic interfaces
- Brain-computer interfaces
- Cognitive modeling of users
- Multi-biometric interfaces
- Multimodal-multisensor interfaces
- Interfaces for attentive and intelligent environments
- Mobile, tangible and virtual/augmented multimodal interfaces
- Distributed/collaborative multimodal interfaces
- Tools and system infrastructure issues for designing multimodal interfaces
- Evaluation of multimodal interfaces
- AI techniques and adaptive multimodal interfaces

Paper Submission
There are two different submission categories: regular paper and short paper. The page limit is 8 pages for regular papers and 4 pages for short papers.

Demo Submission
Proposals for demos shall be submitted to demo chairs electronically. A two page description with photographs of the demo is required.

Important Dates
- Paper submission: May 20, 2010
- Author notification: July 20, 2010
- Camera-ready due: August 20, 2010
- Conference: Nov. 8-10, 2010