



Call for Papers

8th International Conference on Multimodal Interfaces (ICMI'06)

Banff, Alberta, Canada, 2-4 November 2006

<http://www.acm.org/icmi>

Sponsored by the ACM

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*Paper submission deadline:
May 15*

The Eighth International Conference on Multimodal Interfaces (ICMI'06) will take place in Banff, Alberta, Canada, during November 2-4, 2006, with the theme of multimodal collaboration through different platforms and applications. The main aim of ICMI'06 is to further scientific research within the broad field of multimodal interaction and systems. The conference will focus on major trends and challenges in this area, including distilling a roadmap for future research and commercial success. We are very pleased to announce this Call for Papers that invites experts from academia, industry, and government to actively participate in ICMI 2006.

ICMI'06 will feature a main conference with keynote speakers, plenary sessions for technical paper presentations and discussion, a doctoral spotlight paper session highlighting top student research, poster sessions, panel discussions, and demonstrations of state-of-the-art multimodal concepts and systems. To further emphasize the theme of ICMI'06, the conference is co-located with the ACM Conference on Computer Supported Cooperative Work (CSCW'06). A 20% discount for both conferences is available for cross-registrants. The third day of ICMI will feature invited plenaries, technical papers, panels, and special sessions on collaborative multimodal interaction and other emerging CSCW-related topics to stimulate discussion and interaction between both research communities.

Topics of interest include, but are not limited to:

- Multimodal input and output interfaces
- Multimodal meeting analysis and meeting spaces
- 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
- Cognitive modeling of users
- AI techniques and adaptive multimodal interfaces
- Multi-biometric interfaces
- Multimodal-multisensor interfaces
- Interfaces for attentive and intelligent environments,
- Mobile, tangible and virtual/augmented multimodal interfaces
- Distributed/collaborative multimodal interfaces
- Universal access interfaces
- Tools and system infrastructure issues for designing multimodal interfaces
- Evaluation of multimodal interfaces

Paper Submission. Papers must be submitted electronically, in PDF format, through the conference web site. Submissions must conform to the ACM publication format – detailed information can be found on the web site <http://www.acm.org/signs/pubs/proceed/template.html>. There are two different submission categories: regular paper and short paper. The presentation style (oral or poster) will be decided based on suitable delivery of the content. The page limit is 8 pages for regular papers and 4 pages for short papers. Authors can have up to 2 extra pages with \$100/page charge. The number of pages for the final version (camera ready) should not be less than that of the review version. The results described must not be under consideration for publication elsewhere.

Demo Submission. Proposals for demonstrations shall be submitted to demo chairs electronically. A 1-2 page description of the demonstration is required. The template is the same as for the paper guidelines. The demo description will be included into conference proceedings. Email address for submission: xlchen@jdl.ac.cn

Special Sessions. For the first time ICMI will organize special sessions to address emergent issues in the multimodal interface research community. Proposals for special sessions should be submitted to the special sessions chair electronically. Email address for submission: yxiong@cs.vt.edu. Further information on special sessions will be posted on the conference web site.

Outstanding Paper Awards. To recognize excellence in research, outstanding paper awards will be made at the conference for both regular and student full technical papers. A committee that includes the program chairs and select technical committee members will judge the papers.

Doctoral Spotlight. Doctoral Student Travel Support and Spotlight Session. Funds are expected from NSF to support participation of doctoral candidates at ICMI 2006, and a spotlight session is planned to showcase ongoing thesis work. Students interested in travel support can submit a short or long paper as specified above, and then email Trevor Darrell regarding instructions to apply for travel funding at: trevor@csail.mit.edu. Preference for student aid will be given to those with accepted papers, but others will be supported if funds are available. All supported students will be expected to participate in the spotlight session.

Important Dates

Special session proposal	1	May	2006
Paper submission	15	May	2006
Demo submission	15	Jun	2006
Author notification	15	July	2006
Camera ready deadline	15	August	2006
Conference	2-4	November	2006