

Call for Participation  
**Fifth International Conference on Multimodal  
Interfaces (ICMI-PUI'03)**

November 5-7<sup>th</sup>, 2003

Delta Pinnacle Hotel, Vancouver, B.C., Canada

<http://icmi.cs.ucsb.edu/>



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Sharon Oviatt,  
*Oregon Health & Science Univ.*

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The Fifth International Conference on Multimodal Interfaces (*ICMI-PUI'03*) will be held Nov. 5-7<sup>th</sup> 2003 in Vancouver B.C., Canada. The three-day *ICMI-PUI'03* Conference will bring together researchers from North America, Europe, and Asia to present and discuss the latest multidisciplinary work on multimodal interfaces, systems, and applications. *ICMI-PUI'03* is sponsored by ACM, and will be co-located in Vancouver with ACM's *UIST'03*. This meeting follows three successful *Perceptive User Interface Workshops (PUI)* and four *International Multimodal Interface Conferences (ICMI)*—which now have joined together to initiate an annual international conference.

The *ICMI-PUI'03* conference represents the growing interest in next-generation perceptive, adaptive and multimodal user interfaces. These new interfaces are especially well suited for interpreting natural communication and activity patterns in real-world environments. Their emergence represents a radical departure from previous computing, and is rapidly transforming the nature of human-computer interaction by creating more natural, expressively powerful, flexible and robust means of interacting with computers.

Topics of special interest to the conference include multimodal input and output interfaces, fusion techniques & hybrid architectures, processing of language and action patterns, gaze and vision-based interfaces, speech & conversational interfaces, pen-based interfaces, haptics interfaces, cognitive modeling of users, AI techniques & adaptive multimodal interfaces, multibiometric interfaces, multimodal-multisensor interfaces, interfaces for attentive & intelligent environments, mobile, tangible & virtual/augmented multimodal interfaces, universal access interfaces, and tools & system infrastructure issues for designing multimodal interfaces.

The initial *ICMI-PUI'03* evening demo-reception and day of program will be held jointly with *UIST'03* to celebrate advances in next-generation interfaces of common interest to both communities. The following two days of invited talks, panels, presentations and posters will facilitate smaller group interaction and discussion over single-track presentations and meals. *ICMI-PUI'03* proceedings will be published by ACM Press. Interested researchers are invited to submit to any of the following four categories:

- (1) FULL PAPER describing original research in multimodal interfaces (8 pages).
- (2) SHORT PAPER describing late breaking or ongoing research (4 pages).
- (3) PANEL PROPOSAL that presents, debates, or provokes discussion (2 pages).
- (4) DEMO PROPOSAL that displays related implementations or concepts (2 pages).

**Abstract submissions due April 21<sup>st</sup>. Full paper submissions due April 28<sup>th</sup>.**

George McConkie, *UICU*  
Paul McKeivitt, *Univ. of Ulster, N. Ireland*  
David McNeill, *Univ. of Chicago*  
Satoshi Nakamura, *ATR, Japan*  
Hiday Nakashima, *AIST, Japan*  
Patrizia Paggio, *CST, Denmark*  
Catherine Pelachand, *Univ. of Rome, Italy*  
Sandy Pentland, *MIT Media Lab*  
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Silke Steininger, *Univ. of Munich, Germany*  
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Eric Vatikiotis-Bateson, *UBC, Canada*  
Alex Waibel, *CMU*  
Terry Winograd, *Stanford Univ.*  
Kent Wittenburg, *MERL, US*  
Jie Yang, *CMU*  
Shumin Zhai, *IBM - Almaden*

For further information about the *ICMI-PUI'03* conference, submission categories & instructions, past publications, registration, sponsorship, and local Vancouver area, see: <http://icmi.cs.ucsb.edu>.