

## Registration, Hotel, and Travel Information

Register by September 24<sup>th</sup> for the Greatest Discount!

	Early Reg by Sept. 24	Adv. Reg by Oct. 24	On-Site
Member	\$500	\$600	\$700
non-Member	\$575	\$675	\$775
Student	\$200	\$275	\$325

\*All registration fees in US \$. Member rates apply for members of ACM, SIGCHI, and SIGGRAPH.

†See inside for information on special discounts when you register for both UIST and ICMI-PUI.

### Bargain Rates on Incomparable Rooms!

UIST 2003 will be held at the Vancouver Marriott Pinnacle Hotel, a four-star hotel located in downtown Vancouver just one block from the waterfront and within easy walking distance of Stanley Park, and Robson Street.

Rooms are available starting at CDN \$160 per night (approximately \$118 US at current exchange rates) for either single or double occupancy. Space is limited, so please reserve your room by September 24<sup>th</sup>.

Reservations may be made by phone (1-800-207-4150 or +1 604 684-1128 – the rate is under the name “Association for Computing Machinery.” Or make your reservation on-line. A link can be found on the UIST web site ([www.uist.org](http://www.uist.org)).

### Easy to Reach, Easy to Save!

Vancouver airport (code YVR) is served by most North American airlines and by many European and Asian carriers as well. **Air Canada** is offering airline discounts to UIST attendees. Simply contact Air Canada's North America toll free number at **1-800-361-7585** or local number **514-393-9494** or ask your travel agent to take advantage of Special Discounted Airfares. Tell them that you are attending **UIST'03**. The UIST'03 convention number is **CV031639**

# UIST 2003 Benefactors\*

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# UIST 2003 Sponsors\*

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\*Current as of July 26, 2003. Visit [www.uist.org](http://www.uist.org) for updates.

It's not too late to become a benefactor or sponsor. Visit our web site or contact [bam+@cs.cmu.edu](mailto:bam+@cs.cmu.edu) for more details.

Cover image courtesy of Tourism Vancouver.



16<sup>th</sup> Annual ACM Symposium on  
**User Interface  
Software and Technology**

November 2-5, 2003

Vancouver Marriott Pinnacle Hotel  
Vancouver, British Columbia  
Canada

<http://www.uist.org/>



**Sunday, November 2, 2003**

**Doctoral Symposium (by invitation)**

**Interaction Design Contest**

**Welcoming Reception (6pm – 8pm)**

*Eat, drink, mingle, and watch the design contest finals!*

**Monday, November 3, 2003**

**Opening Keynote Address**

*Creativity Support Tools: A Grand Challenge for Interface Designers*

Ben Shneiderman, University of Maryland

**Session: Collaborative Software**

*Extensible Interface Widgets for Augmented Collaboration in SCAPE*

Leonard D. Brown (Beckman Institute, University of Illinois)

Hong Hua (University of Hawaii at Manoa)

Chunyu Gao (Beckman Institute, University of Illinois)

*Rhythm Modeling, Visualizations and Applications*

James “Bo” Begole, John C. Tang (Sun Microsystems Laboratories), Rosco Hill (University of Waterloo)

*Classroom BRIDGE: using collaborative public and desktop timelines to support activity awareness*

Craig H. Ganoe, Jacob P. Somervell, Dennis C. Neale, Philip

L. Isenhour, John M. Carroll, Mary Beth Rosson, D. Scott

McCrickard (Virginia Polytechnic Institute)

**Session: Audio and Paper**

*SmartMusicKiosk: Music Listening Station with Chorus-Search Function*

Masataka Goto (National Institute of Advanced Industrial Science and Technology)

*TalkBack: a conversational answering machine*

Vidya Lakshmiopathy, Chris Schmandt, Natalia Marmasse (MIT Media Lab)

*Paper Augmented Digital Documents*

François Guimbretière (University of Maryland)

**Session: Input**

*EdgeWrite: A Stylus-Based Text Entry Method Designed for High Accuracy and Stability of Motion*

Jacob O. Wobbrock, Brad A. Myers, John A. Kembel (Carnegie Mellon University)

*Tracking Menus*

George Fitzmaurice, Azam Khan, Robert Pieké, Bill Buxton, Gordon Kurtenbach (Alias|wavefront)

*TiltText: Using Tilt for Text Input to Mobile Phones*

Daniel Wigdor, Ravin Balakrishnan (University of Toronto)

*Considering the Direction of Cursor Movement for Efficient Traversal of Cascading Menus (TechNote)*

Masatomo Kobayashi, Takeo Igarashi (University of Tokyo)

**Conference Banquet**

*Celebrate UIST and Vancouver at a traditional Chinese Banquet overlooking the waterfront. Vegetarian options will be provided. Extra tickets may be purchased for family and friends.*

**Tuesday, November 4, 2003**

**Session: Images and Video**

*Automatic Thumbnail Cropping and its Effectiveness*

Bongwon Suh, Haibin Ling, Benjamin B. Bederson,

David W. Jacobs (University of Maryland)

*Fluid Interaction Techniques for the Control and Annotation of Digital Video*

Gonzalo Ramos, Ravin Balakrishnan (University of Toronto)

*Rapid Serial Visual Presentation Techniques for*

*Consumer Digital Video Devices*

Kent Wittenburg, Clifton Forlines, Tom Lanning, Alan Esenther

(Mitsubishi Electric Research Laboratories), Shigeo Harada,

Taizo Miyachi (Mitsubishi Electric Corporation -- Industrial Design Center)

**Session: Architectures and Toolkits**

*GADGET: A Toolkit for Optimization-Based Approaches to Interface and Display Generation*

James Fogarty, Scott E. Hudson (Carnegie Mellon University)

*A molecular architecture for creating advanced GUIs*

Eric Lecolinet (GET / ENST and CNRS LTCI)

*User Interface Continuations*

Dennis Quan, David Huynh David R. Karger, Robert Miller

(MIT Computer Science and Artificial Intelligence Laboratory)

**Invited Surveys (held in parallel sessions)**

*Computer Audition: A Survey of Techniques, Standards, and Applications*

Michael Casey, City University of London

*Chemical Sensors: Linking Interactive Systems with the Real World*

Dermot Diamond, National Center for Sensor Research, Ireland

**Session: Public and Multi-Screen Displays**

*Synchronous Gestures for Multiple Persons and Computers*

Ken Hinckley (Microsoft Research)

*Dynamo: A public interactive surface supporting the cooperative sharing and exchange of media*

Shahram Izadi\*, Harry Brignull†, Tom Rodden\*, Yvonne

Rogers‡, Mia Underwood\* (\*University of Nottingham,

†University of Sussex),

*A fast, interactive 3D paper-flier metaphor for digital bulletin boards (TechNote)*

Laurent Denoue, Les Nelson, Elizabeth Churchill

(FX Palo Alto Laboratory)

**Demonstration Reception**

*Come see seventeen refereed demonstrations, along with demonstrations from paper and technote authors, and demonstrations from the ICMI-PUI conference. The reception will be held at NewMIC, the nearby New Media Innovation Center.*

**All Conference Long ...**

*Eighteen refereed posters will be displayed throughout the conference for viewing during breaks and during a special poster-reception lunch on Wednesday. Authors will be available to discuss their work at scheduled times.*

**Wednesday, November 5, 2003**

**Wednesday will be a special joint day, held with ICMI-PUI, the International Conference on Multimodal Interfaces.**

**Joint Keynote Address**

*New Techniques for Evaluating Innovative Interfaces with Eye Tracking*

Sandra Marshall, EyeTracking, Inc. and SDSU

**Session: Joint Session with ICMI-PUI**

*VisionWand: Interaction Techniques for Large Displays using a Passive Wand Tracked in 3D*

Xiang Cao, Ravin Balakrishnan (University of Toronto)

*Perceptually-Supported Image Editing of Text and Graphics*

Eric Saund, David Fleet, Daniel Larner, James Mahoney

(Palo Alto Research Center)

**plus papers from the ICMI-PUI program**

**Session: Novel Interaction**

*Multi-Finger and Whole Hand Gestural Interaction Techniques for Multi-User Tabletop Displays*

Mike Wu, Ravin Balakrishnan (University of Toronto)

*PreSense: Interaction Techniques for Finger Sensing Input Devices*

Jun Rekimoto (Sony Computer Science Laboratories),

Takaaki Ishizawa (Keio University), Carsten Schwesig,

Haruo Oba (Sony Computer Science Laboratories)

*Stylus Input and Editing Without Prior Selection of Mode (TechNote)*

Eric Saund (Palo Alto Research Center), Edward Lank

(San Francisco State University)

*Tactile Interfaces for Small Touch Screens (TechNote)*

Ivan Poupyrev (Sony CSL), Shigeaki Maruyama (Micro

Device Center, Sony EMCS)

**Plus a specially-selected session from ICMI-PUI**

**Optional Demonstration Reception at UBC**

*Our colleagues at the University of British Columbia have arranged a tour and demonstration reception on Wednesday evening. Please sign up through the conference registration form. A \$10 fee is included to offset transportation expenses.*

**Attend Both Conferences and Save!**

UIST and ICMI-PUI are offering a \$200 discount to attendees who register for both conferences. (Student registrations, which are already heavily discounted, are excluded.) For information on ICMI-PUI '03, visit <http://icmi.cs.ucsb.edu/>

If you cannot attend both conference, you may want to pre-order proceedings from the other conference. Proceedings, along with extra banquet tickets, can be ordered on-line at [www.uist.org](http://www.uist.org).