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# UIST2005

October 23-26, Seattle, WA

## Eighteenth Annual ACM Symposium on User Interface Software and Technology Oct 23-26, 2005, Seattle, Washington

Join us in Seattle!  
Patrick Baudisch  
Mary Czerwinski  
UIST 2005  
General Co-chairs

UIST is the premier forum for innovations in the software and technology of human-computer interfaces. The symposium brings together researchers and practitioners from many diverse areas of user interface work. Topics include traditional graphical & web user interfaces, tangible & ubiquitous computing, virtual & augmented reality, multimedia, new input & output devices, and computer supported cooperative work. The intimate size, the single track, and comfortable surroundings make this symposium an ideal opportunity to exchange new research results and implementation experiences.

### Accepted Papers

Moveable Interactive Projected Displays Using Projector Based Tracking	Johnny Lee
Role-Based Policies to Control Shared Application Views	Lior Bery
Informal Prototyping of Continuous Graphical Interactions by Demonstration	Yang Li
Preference Elicitation For Interface Optimization	Krzysztof Gajos
Automation and Customization of Rendered Web Pages	Robert Miller
Mediating Photo Collage Authoring	Nicholas Diakopoulos
Automatic Image Retargeting with FisheyeView Warping	Feng Liu
PaperCraft: A System for Interactive Paper	Chunyuan Liao
Low-Cost Multi-Touch Sensing through Frustrated Total Internal Reflectance	
Supporting Interaction in Augmented Reality in the Presence of Uncertain Spatial Knowledge	Enylton Coelho
DTLens: Multi-user Spatial Data Exploration on Interactive Tabletops	Clifton Forlines
Zoom-and-Pick: Facilitating Visual Zooming and Precision Pointing with Interactive Handheld Projectors	Clifton Forlines
Bimanual and Unimanual Image Alignment: An Evaluation of Mouse-Based Techniques	Celine Latulipe
Physical Embodiments for Mobile Communication Agents	Stefan Marti
Metisse is not a 3D desktop!	Nicolas Roussel
Sliding: Fluid Zooming and Sliding for High Precision Parameter Manipulation	Ravin Balakrishnan
ViewPointer: Lightweight Calibration-Free Eye Tracking for Ubiquitous Handsfree Deixis	John Smith
Artistic Resizing: A Technique For Rich Scale-Sensitive Vector Graphics	Pierre Dragicevic
Citrus: A Toolkit for Simplifying the Creation of Structured Editors for Code and Data	Andrew Ko
A1: End-User Programming for Web-based System Administration	Eser Kandogan
DocWizards: A System for Authoring Follow-me Documentation Wizards	Lawrence Bergman
Distant Freehand Pointing and Clicking on Very Large High Resolution Displays	Ravin Balakrishnan
User Interface Technology for Mobile Interaction with Spatial Relations	Christian Kray
DT Controls: Adding Identity to Physical Interfaces	Paul Dietz
PlayAnywhere: A Compact Interactive Tabletop Projection-Vision System	Andrew Wilson
Interacting with Large Displays from a Distance with Vision-Tracked Multi-Finger Gestural Input	Ravin Balakrishnan
eyeLook: Using Attention to Facilitate Mobile Media Consumption	Connor Dickie
Circle & Identify: Interactivity-Augmented Object Recognition for Handheld Devices	Byungkon Kohn
Dial and See - Tackling the Voice Menu Navigation Problem with Cross-Device User Experience Integration	Min Yin
Predictive Interaction using the Delphian Desktop	Takeshi Asano

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**General Chairs:** Mary Czerwinski (marycz@microsoft.com), Patrick Baudisch (baudisch@microsoft.com), *Microsoft Research*  
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**Demonstrations Chairs:** Takeo Igarashi, *Tokyo University, Japan*; Andy Wilson, *Microsoft Research*  
**Doctoral Symposium Chair:** Scott Hudson, *CMU*  
**Interaction Contest Chairs:** Jean-Daniel Fekete, *INRIA, France*; Kevin Lee, *GE Healthcare*; Catherine Plaisant, *University of Maryland*  
**Proceedings Chair:** Scott Klemmer, *Stanford University*  
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