

Sunday, 27 October 2002

7:00-9:00 Welcome Reception

Monday, 28 October 2002

9:00-10:30 Opening Plenary

Models of Interactive Computation

Peter Wegner *Brown University*

11:00-12:00 Collaborating Through Documents

FLANNEL: Adding Computation to Electronic Mail During Transmission

Victoria Bellotti *Palo Alto Research Center*

Nicolas Ducheneaut *UC Berkeley*

Mark Howard *Palo Alto Research Center*

Christine Neuwirth *Carnegie Mellon University*

Ian Smith, Trevor Smith *Palo Alto Research Center*

Augmenting Shared Personal Calendars

Joe Tullio, Jeremy Goecks, Elizabeth Mynatt,

David Nguyen *Georgia Tech*

Moving Markup: Repositioning Freeform Annotations

Gene Golovchinsky, Laurent Denoue

FX Palo Alto Laboratory

12:00-2:00 Lunch

2:00-3:30 Interaction in the Real World

Customizable Physical Interfaces for Interacting with Conventional Applications

Saul Greenberg, Michael Boyle *University of Calgary*

The Missing Link: Augmenting Biology Laboratory Notebooks

Wendy Mackay, Guillaume Pothier *INRIA*

Catherine Letondal *Institut Pasteur*

Kaare Bøegh, Hans Erik Sørensen *Aarhus University*

Ambient Touch: Designing Tactile Interfaces for Handheld Devices

Ivan Poupyrev, Shigeaki Maruyama, Jun Rekimoto

Sony CSL

4:00-5:30 Novel 2D Interaction

Specifying Behavior and Semantic Meaning in an Unmodified Layered Drawing Package

James Fogarty, Jodi Forlizzi, Scott Hudson

Carnegie Mellon University

Side Views: Persistent, On-Demand Previews for Open-Ended Tasks

Michael Terry, Elizabeth Mynatt *Georgia Tech*

The Kinetic Typography Engine: An Extensible System for Animating Expressive Text

Johnny Lee, Jodi Forlizzi, Scott Hudson

Carnegie Mellon University

5:30-6:30 Town meeting

8:00-0:00 Banquet

Tuesday, 29 October 2002

9:00-10:30 Working in Three-Space

Clothing Manipulation

Takeo Igarashi *University of Tokyo*

John Hughes *Brown University*

StyleCam: Interactive Stylized 3D Navigation using Integrated Spatial & Temporal Controls

Nicholas Burtnyk *Univ. of Toronto and Alias/Wavefront*

Azam Khan, George Fitzmaurice *Alias/Wavefront*

Ravin Balakrishnan *University of Toronto*

Gordon Kurtenbach *Alias/Wavefront*

Boom Chameleon: Simultaneous capture of 3D viewpoint, voice and gesture annotations on a spatially-aware display

Michael Tsang *University of Toronto*

George Fitzmaurice, Gordon Kurtenbach,

Azam Khan, Bill Buxton *Alias/Wavefront*

11:00-12:00 Speech and Ambiguous Input

Distributed Mediation of Ambiguous Context in Aware Environments

Anind Dey *Intel Research*

Jennifer Mankoff *UC Berkeley*

Gregory Abowd *Georgia Tech*

Scott Carter *UC Berkeley*

Query-by-critique: Spoken Language Access to Large Lists

Dan R. Olsen, Jon Peachey *Brigham Young University*

Mediated Voice Communication via Mobile IP

Chris Schmandt *MIT Media Laboratory*

12:00-2:00 Lunch

2:00-3:30 Invited Surveys

Introduction to Machine Learning and Neural Networks

Tony R. Martinez *Brigham Young University*

Computer Vision for Man Machine Interaction

James L. Crowley *INRIA*

4:00-5:30 Posters and Demonstrations

6:00-7:00 User Interface Contest Finals

Wednesday, 30 October 2002

9:00-10:30 Closing Plenary

The Disappearing Computer

Jakub Wejchert, *European Commission*

11:00-12:00 Infrastructure for Ubicomp

That one there! Gesturing for on-demand device identity

Colin Swindells *Simon Fraser University*

Kori Inkpen *Dalhousie University*

John Dill, Melanie Tory *Simon Fraser University*

Generating Remote Control Interfaces for Complex Appliances

Jeffrey Nichols, Brad A. Myers

Carnegie Mellon University

Michael Higgins, Joseph Hughes *MAYA Design*

Thomas K. Harris, Roni Rosenfeld, Mathilde Pignol

Carnegie Mellon University

User Interfaces When and Where They are Needed: An Infrastructure for Recombinant Computing

Mark Newman *Palo Alto Research Center*

Shahram Izadi *University of Nottingham*

Keith Edwards, Jana Sedivy, Trevor Smith

Palo Alto Research Center

12:00-2:00 Lunch

2:00-3:30 Novel Input, Output,
and Computation

The Actuated Workbench: Computer-Controlled Actuation in Tabletop Tangible Interfaces

Gian Pangaro, Dan Maynes-Aminzade, Hiroshi Ishii
MIT Media Laboratory

Dynamic Approximation of Complex Graphical Constraints by Linear Constraints

Nathan Hurst, Kim Marriott, Peter Moulder
Monash University

TiltType: Accelerometer-Supported Text Entry for Very Small Devices (Technote)

Kurt Partridge, Saurav Chatterjee, Vibha Sazawal
University of Washington

Gaetano Borriello

University of Washington and Intel Research

Roy Want *Intel*

WebThumb: Interaction Techniques for Small-Screen Browsers (Technote)

Jacob Wobbrock, Jodi Forlizzi, Scott Hudson, Brad Myers
Carnegie Mellon University

4:00-5:30 Breaking Out of the Monitor

The "Mighty Mouse" Multi-Screen Collaboration Tool (Technote)

Kellogg Booth, Brian Fisher, Raymond Lin, Ritchie Argue
University of British Columbia

An Annotated Situation-Awareness Aid for Augmented Reality (Technote)

Blaine Bell, Tobias Hollerer, Steve Feiner
Columbia University

Manipulating Structured Information in a Visual Workspace

Haowei Hsieh, Frank Shipman
Texas A&M University

PointRight: Experience with Flexible Input Redirection in Interactive Workspaces

Brad Johanson, Greg Hutchins, Terry Winograd
Stanford University

Maureen Stone
Stone Soup Consulting

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October 27-30, 2002
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Paris, France

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