

DEPARTMENT OF COMPUTER SCIENCE
UNIVERSITY OF TORONTO

CSC318S

**THE DESIGN OF
INTERACTIVE COMPUTATIONAL MEDIA**

Video Show — 4 March 1998

VIDEO DEMONSTRATIONS OF NOVEL INTERACTIVE
COMPUTATIONAL MEDIA AND INTERACTIVE
TECHNIQUES MAKING USE OF NEW DEVICES, NEW
REPRESENTATIONS, AND MULTIMEDIA

1. Videos from CHI'95.....	2
2. Videos from CHI'96.....	2
3. Videos from CHI'97.....	3

Ronald Baecker
Professor of Computer Science,
Electrical and Computer Engineering, and Management
University of Toronto

Copyright © 1998, Ronald Baecker.
All rights reserved.

1. Videos from CHI'95

VIDEO — Exploring Large Tables with the Table Lens (Rao and Card, Xerox PARC, CHI'95 Video, 1995)

Information visualization
Novel visual representations
Flexible tailoring of these representations

VIDEO — Ariel: Augmenting Paper Engineering Drawings (Mackay, et al., Xerox EuroPARC, CHI'95 Video, 1995)

Augmented reality system
Digital desk
Hypermedia system
Media space for interpersonal communication

VIDEO — Synergies: A Vision of Information Products Working Together (Anderson et al., Hewlett-Packard, CHI'95 Video, 1995)

Devices of the future
Envisionment video
Geographic-based display

2. Videos from CHI'96

VIDEO — Lifestreams: An Alternative to the Desktop Metaphor (S. Fertig, E. Freeman, and D. Gelernter, Yale University, CHI'96 Video, 1996)

Radically different desktop metaphor and mental model
Specification by demonstration and description

3. Videos from CHI'97

VIDEO — A GUI Paradigm Using Tablets, Two Hands and Transparency (Fitzmaurice, et al., Alias|Wavefront and Univ. of Toronto, CHI'97 Video, 1997)

Use of see-through tools

Use of two mice/pucks

Marking menus