

# CONTENT

Interface Cultures – Artistic Aspects of Interface Design

CHRISTA SOMMERER, LAURENT MIGNONNEAU

9

## INFORMATION DESIGN AND SOCIAL MEDIA

User Experience and Model-based Development of Interactive Artifacts

CHRIS STARY

19

Comment Flow: Visualizing Communication Along Network Paths

DIETMAR OFFENHUBER, JUDITH DONATH (MIT MEDIA LAB)

27

Mobile Interaction

JÜRGEN SCHEIBLE

39

Let us do what we do best! But how can we produce Knowledge by  
designing Interfaces?

STEFANO M. VANNOTTI

51

Software Agents

GEORG WEICHHART

61

Software as Cultureware –  
Shaping the Vectors of Pervasive Mediacultures

GEORG RUSSEGGER

71

## **BIOLOGICALLY INSPIRED INTERFACES**

Nano Vibrational Interfaces

PAUL THOMAS

81

Packaging Material and Glue for High-Tech

INGRID GRAZ

91

Evolutionary Algorithms in Support of Creative Architectural Designing

TOMOR ELEZKURTAJ

103

Designing our Extended Body

MIKA SATOMI, SABINE SEYMOUR

113

Acar2: The Sequel

MISCHA SCHAUB

121

## **CULTURAL ASPECTS AND AESTHETICS OF INTERACTIVITY**

Tactile Temptations: About Contemporary Art, Exhibitions, and Tactility

ERKKI HUHTAMO

129

»Not Just Art« – From Media Art to Artware

CHRISTIANE PAUL

141

Opus Ludens – Towards an Aesthetics of Interactivity

KATJA KWASTEK

153

Research of the Motifs in Interactive Media Art  
concerning the Visual Aspect

PENESTA DIKA

165

Decoding Gaze in Immersive and Interactive Media Arts

DOROTHÉE KING

175

Why Do We Need New Interfaces to Understand Cities Better?

MAHIR M. YAVUZ

185

Working On and With Eigensinn –  
A Neglected Concept and its Impact on Media, Art and Art Education

GIACO SCHIESSER

197

Cultural Parasitology – Art in its Sociopolitical Complexity

HIROSHI YOSHIOKA

215

## **STAGE-BASED AND AUDIOVISUAL INTERACTION**

Blurring the Boundaries – Interactions between Choreography, Dance  
and New Media Technologies

SCOTT DELAHUNTA

225

Body, Space, Movement and Interactive Technologies in the  
Performance-Installation Passage

MARTIN KUSCH

237

Virtuoso Audiovisual Real-Time Performance

ANDREAS WEIXLER, SE-LIEN CHUANG

245

Interactivity in Stage Performances

KLAUS OBERMAIER

257

Musical Interfaces for Beginners  
WOLFGANG KOPPER, OLIVER WITTCROW  
265

## INTERACTIVE ART PRACTICE

Four Media Archaeological Artworks  
GEBHARD SENG MÜLLER  
273

It would have been Fantastic – Between Perfection and Failure  
ULF LANGHEINRICH  
283

Everything is so Analog out There  
STATION ROSE (ELISA ROSE, GARY DANNER)  
289

Multiple Media – Internet (Driven) Works  
URSULA ENDLICHER  
301

Childhood Memories and Interactive Fairytales  
KEIKO TAKAHASHI  
309

Evolving the Emergent Content Workshop  
KIM CASCONI  
317

Blindspot  
PAULO PEREIRA, HERWIG TURK  
325

Virtual Knowledge Spaces in the Art Context  
SYLVIA ECKERMANN  
333

**Authors**  
344