

CONTENTS

Foreword	ix
Conference Chairs	xi
Program Committee	xii
Sponsors	xiii
1 Directions in Information Systems Development: Integrating New Technologies, Research Approaches, and Development Practices <i>Nancy L. Russo and Brian Fitzgerald</i>	1
Part 1: Developing Information Systems	
2 Accommodating Emergent Work Practices: Ethnographic Choice of Method Fragments <i>Richard Baskerville and Jan Stage</i>	11
3 Information Systems Development as Flowing Wholeness <i>Paulo Rupino da Cunha and António Dias de Figueiredo</i>	29
4 Racing the E-Bomb: How the Internet Is Redefining Information Systems Development Methodology <i>Richard Baskerville and Jan Pries-Heje</i>	49
5 The Use of Research-Based Information System Development Methods <i>Karin Hedström and Emma Eliason</i>	69
6 Techniques and Methodologies for Multimedia Systems Development: A Survey of Industrial Practice <i>Michael Lang and Chris Barry</i>	77

- 7 Enterprise Network Design: How Is it Done?
Judy Wynekoop, David Johnson, and Jim Finan 87
- 8 A Role-Based Framework for Information System Self-Development
Mart Roost, Rein Kuusik and Tarmo Vesioja 95

Part 2: Managing Information Systems

- 9 Developing a Methodology to Evaluate the Impact of Staff Perceptions on the Strategic Value of Information Systems in a Small to Medium Sized Enterprise
Robert Moreton and Diana Aiken 109
- 10 Due Process and the Introduction of New Technology: The Institution of Video Teleconferencing
Joe Nandhakumar and Richard Vidgen 127
- 11 Enterprise Resource Planning Implementation: Stories of Power, Politics, and Resistance
David Allen and Thomas Kern 149
- 12 Web Information Systems Management: Proactive or Reactive Emergence
Kristin R. Eschenfelder and Steve Sawyer 163
- 13 Better Safe than Sorry? In Search of an Internet Business Model in Online Entertainment
Ola Henfridsson, Helena Holmström, and Ole Hanseth 183
- 14 Consumer Privacy and Online Marketing: Bringing the Human Back into the Picture
Laurence Brooks and Alexis Airey 203
- 15 Observations from a Field Study on Developing a Framework for Pre-Usage Evaluation of CASE Tools
Adam Rehbinder, Brian Lings, Björn Lundell, Runo Burman, and Anette Nilsson 211
- 16 Software Process Maturity and Organizational Politics
Peter Axel Nielsen and Jacob Nørbjerg 221

- 17 Implications of a Service-Oriented View of Software
Paul Layzell 241

Part 3: Researching Information Systems

- 18 Method Diffusion as a Social Movement
Paul Beynon-Davies and Michael D. Williams 257
- 19 Using Structuration Theory in Action Research:
An Intranet Development Project
Jeremy Rose and Paul Lewis 273
- 20 Cultivating Recalcitrance in Information Systems Research
*Carsten Sørensen, Edgar A. Whitley, Shirin Madon,
Dasha Klyachko, Ian Hosein, and Justine Johnstone* 297
- 21 Implications of the Theory of Autopoiesis for the Discipline
and Practice of Information Systems
Ian Beeson 317
- 22 Absent Friends? The Gender Dimension in Information
Systems Research
Alison Adam, Debra Howcroft, and Helen Richardson 333
- 23 A New Paradigm for Considering Gender in Information
Systems Development Research
Melanie Wilson 353
- 24 Two Times Four Integrative Levels of Analysis: A Framework
Mikko Korpela, Anja Mursu, and H. Abimbola Soriyan 367
- 25 Thoughts on Studying Open Source Software Communities
Joseph Feller 379
- 26 Managing Knowledge Development in the Network
Economy: Methodological Contributions
Håkan Sterner 387

Part 4: Understanding Information Systems

- 27 Defining Away the Digital Divide: A Content Analysis of Institutional Influences on Popular Representations of Technology
Lynette Kvasny and Duane Truex 399
- 28 Doing Politics Around Electronic Commerce: Opposing the Regulation of Investigatory Powers Bill
Edgar A. Whitley and Ian Hosein 415
- 29 The Technology Imperative in Education
William T. Bonner and Abhijit Gopal 439

Part 5: Panels

- 30 What Do We Mean by Information Technology? Perspectives on Studying Computing
Steve Sawyer, Steven Haynes, Duane Truex, and Ojelanki Ngwenyama 461
- 31 Collaboration Between Academics and Practitioners Using Action Research
Frank Land, Lars Mathiassen, Bob Galliers, Mike Cushman, and Richard Baskerville 467
- 32 Knowledge Management Systems: Hype, Hope, or Folly?
Bob Galliers, Ellen Enkel, Lisa D. Murphy, and Sue Newell 471

- Index of Contributors** 477