

Contents

Welcome	ix
----------------	----

Preface	xi
----------------	----

Part 1: Studies on Diffusion and Adoption

1	The Diffusion of Research on the Adoption and Diffusion of Information Technology <i>Yogesh K. Dwivedi, Michael D. Williams, and Banita Lal</i>	3
2	Citation Patterns in MIS: An Analysis of Exemplar Articles <i>Tor J. Larsen and Linda Levine</i>	23
3	Understanding the Diffusion and Adoption of Telecommunication Innovations: What We Know and What We Don't Know <i>Heidi Tscherning and Jan Damsgaard</i>	39

Part 2: Key Aspects in Innovation

4	Explicit as Enabler for Understanding the Tacit <i>Anna Börjesson Sandberg and Carl Magnus Olsson</i>	63
5	Applying Usage Models to Innovate Information Technology Solutions <i>Sigal Louchheim, Petra Langwald, and Judy Ossello</i>	83
6	Seeking the <i>Face</i> of Innovation with the Ethical Compass of Emmanuel Lévinas <i>Gabriel J. Costello and Brian Donnellan</i>	97

Part 3: Cross-Organizational and Cultural Issues

7	Effects of Cultural Orientation on Attitude Toward Anonymity in E-Collaboration <i>Yingqin Zhong, Na Liu, and John Lim</i>	121
---	---	-----

- 8 Exploring the Influence of Collectiveness on Value Creation Adoption
in an Information Technology Organization
Chalee Vorakulpipat and Yacine Rezgui 139
- 9 Interorganizational Systems Adoption: A Socio-Technical Perspective
Deborah Bunker, Karlheinz Kautz, and Clayton Pyne 159

Part 4: Analysis of Cases

- 10 Technological Frame Incongruence, Diffusion, and Noncompliance
Polly Sobrepererez 179
- 11 XENIA: A Metaphor for Sense-Making and Acting in Information
Systems Innovation
Allen Higgins, Simeon Vidolov, Frank Frößler, and Doreen Mullaney 197
- 12 Who Has the Power Over Spaces of Innovation? The Role of Technology
in ICT-Triggered Change Processes
Anneli Linde and Henrik C. J. Linderoth 211

Part 5: Open Innovation Experiences

- 13 Deciding on Open Innovation: An Exploration of How Firms Create
and Capture Value with Open Source Software
Lorraine Morgan and Patrick Finnegan 229
- 14 Knowledge Diffusion in ERP Development: The Case of Open
Source ERP Downloads
Björn Johansson 247
- 15 Toward a User Driven Innovation for Distributed Software Teams
Liaquat Hossain and David Zhou 261

Part 6: Design Science and Cases in IT

- 16 Homeward Bound: Ecological Design of Domestic Information Systems
David G. Wastell, Juergen S. Sauer, and Claudia Schmeink 273
- 17 The Role of Competencies and Interests in Developing Complex
Information Technology Artefacts: The Case of a Metering System
Diego Ponte, Alessandro Rossi, and Marco Zamarian 291
- 18 The Vehicle Ecosystem
Jonas Kuschel 309

Part 7: Case Studies in Telecommunications

- 19 Examining Factors Influencing the Behavioral Intention to Adopt Broadband in Malaysia
Yogesh K. Dwivedi, Mohamad H. Selamat, Muhammad S. Abd Wahab, Mohd A. Mat Samsudin, and Banita Lal 325
- 20 Standardization as an Arena for Open Innovation
Endre Grøtnes 343
- 21 Crossing the Chasm: From Adoption to Diffusion of a Telehealth Innovation
Sunyoung Cho, Lars Mathiassen, and Michael Gallivan 361

Part 8: Case Studies in Software Businesses

- 22 Evolution of Secondary Software Businesses: Understanding Industry Dynamics
Pasi Tyrväinen, Juhani Warsta, and Viekko Seppänen 381
- 23 A Study of the Risks in an Information System Outsourcing Partnership
Shabareesh Ajitkumar, Deborah Bunker, Stephen Smith, and Donald Winchester 403
- 24 Open Innovation and the Erosion of the Traditional Information System Project's Boundaries
Amany Elbanna 423

Part 9: Public Administration and Government

- 25 Public Procurement of IS/IT Services: Past Research and Future Challenges
Josep M. Marco-Simó, Joan A. Pastor, and Rafael Macau 443
- 26 The Invisible Hand: Governmental Influences on the Field of Play During the Production and Diffusion of Mobile TV
Su-Yi Lin and Mike W. Chiasson 461
- 27 Opening Public Administration: Exploring Open Innovation Archetypes and Business Model Impacts
Joseph Feller, Patrick Finnegan, and Olof Nilsson 483

Part 10: On-Going Research

- | | | |
|----|---|-----|
| 28 | Community for Innovations: Developing an Integrated Concept for Open Innovation
<i>Ulrich Bretschneider, Michael Huber, Jan Marco Leimeister, and Helmut Krcmar</i> | 503 |
| 29 | Governance Structures for Open Innovation: A Preliminary Framework
<i>Joseph Feller, Patrick Finnegan, Jeremy Hayes, and Philip O'Reilly</i> | 511 |
| 30 | Reassembling the Information Technology Innovation Process: An Actor Network Theory Method for Managing the Initiation, Production, and Diffusion of Innovations
<i>Gerardo Zendejas and Mike Chiasson</i> | 527 |

Part 11: Panels

- | | | |
|----|--|-----|
| 31 | Open Innovation in Mobile and Convergent Communications
<i>José Jiménez (Organizer)</i> | 543 |
| 32 | Corporate Experiences in Open Innovation
<i>Juan Mulet (Organizer)</i> | 545 |

Part 12: Notes from Industry Experiences

- | | | |
|----|---|-----|
| 33 | Open, Collaborative Innovation in the 21 st Century
<i>Irving Wladawsky-Berger</i> | 549 |
| 34 | Applying Open Innovation Principles for Triggering and Accelerating Innovations: The Experience of Ericsson Spain, 2004 Through 2007
<i>M. Lorenzo</i> | 553 |

Part 13: Annex

- | | | |
|------------------------------|---|-----|
| 35 | Information Technology Diffusion in Academic Teaching: An Institutional Perspective
<i>Gali Naveh, Dorit Tubin, and Nava Pliskin</i> | 563 |
| Index of Contributors | | 569 |

Open IT-Based Innovation: Moving Towards Cooperative

IT Transfer and Knowledge Diffusion

IFIP TC 8 WG 8.6 International Working Conference,

October 22-24, 2008, Madrid, Spain

León, G.; Bernardos, A.M.; Casar, J.R.; Kautz, K.;

DeGross, J. (Eds.)

2008, XIV, 570 p., Hardcover

ISBN: 978-0-387-87502-6