

41st Annual Hawaii International Conference on System Sciences

(HICSS 2008)

**Walkoloa, Big Island, Hawaii, USA
7-10 January 2008**



IEEE Catalog Number: CFP08160-PRT
ISBN: 978-1-4244-3044-4

TABLE OF CONTENTS

COLLABORATION SYSTEMS AND TECHNOLOGIES TRACK

TRACK INTRODUCTION

Introduction to Collaboration Systems and Technologies Track	1
<i>J.F. Nunamaker Jr, R.O. Briggs</i>	

ADVANCES IN TEACHING AND LEARNING TECHNOLOGIES

MINITRACK INTRODUCTION

Introduction to Advances in Teaching and Learning Technologies Minitrack	2
<i>E.L. Santanen, D.H. Spencer</i>	
Understanding the Roles of Knowledge Sharing and Trust in Online Learning Communities	3
<i>Brian Thoms, Nathan Garrett, Jesus Canelon Herrera, Terry Ryan</i>	
The Power of "We": Using Instant Messaging for Student Group Project Discussion	13
<i>Aaron X. L. Shen, Christy M. K. Cheung, Matthew K. O. Lee, Weiping Wang</i>	
Can Peer-to-Peer Networks Facilitate Information Sharing in Collaborative Learning?	23
<i>Fu-Ren Lin, Sheng-Cheng Lin, Ying-Fen Wang</i>	
Support of Case-Based Authentic Learning Activities: A Collaborative Case Commenting Tool and A Collaborative Case Builder	33
<i>Lu Xiao, John M. Carroll, Pat Clemson, Mary Beth Rosson</i>	
Engaging E-Learning in Virtual Worlds: Supporting Group Collaboration	43
<i>Katherine G. Franceschi, Ronald M. Lee, David Hinds</i>	

COLLABORATION ISSUES IN CROSS-ORGANIZATIONAL AND CROSS-BORDER IS/IT

MINITRACK INTRODUCTION

Introduction to Collaboration Issues in Cross-Organizational and Cross-Border IS/IT Minitrack	53
<i>N.C. Romano Jr., J.B. Pick, N. Roztocki</i>	
A Dyadic Model of Interorganizational Systems (IOS) Adoption Maturity	54
<i>Mazen Ali, Sherah Kurnia, Robert B. Johnston</i>	
The Impact of Cultural Diversity on Global Virtual Team Collaboration - A Social Identity Perspective	64
<i>Yu-Ting Caisy Hung, Mary Thi Thao Duyen Nguyen</i>	
Interorganizational Collaboration in Supply Chain Management: What Drives Firms to Share Information with Their Trading Partners?	74
<i>Maria Madlberger</i>	

Determinants of IT Outsourcing Relationships: A Conceptual Model	84
<i>Stefan Blumenberg, Daniel Beimborn, Wolfgang Koenig</i>	
A Cross-Cultural Investigation of the Goal-Attainment-Likelihood Construct and its Effect on Satisfaction with Technology Supported Collaboration	94
<i>Bruce A. Reinig, Robert O. Briggs, Gert-Jan de Vreede</i>	
Occurrence and Effects of Leader Delegation in Virtual Teams	102
<i>Suling Zhang, Marilyn Tremaine, Richard Egan, Allen Milewski, Linda Plotnick, Patrick O'Sullivan, Jerry Fjermestad</i>	

DESIGNING COLLABORATION PROCESSES AND SYSTEMS

MINITRACK INTRODUCTION

Introduction to Designing Collaboration Processes & Systems Minitrack	112
<i>Gert-Jan de Vreede, R.O. Briggs, G.L. Kolfschoten</i>	
A Prototype System for Exploring Disagreement in Group Decision	113
<i>Paulo Melo, João Paulo Costa</i>	
Best Practices for International eSourcing of Software Products and Services	120
<i>Timo Käkölä</i>	
Changing Large-Scale Collaborative Spaces: Strategies and Challenges	130
<i>Torstein Hjelle, Gasparas Jarulaitis</i>	
Developing a Workflow Design Framework Based on Dataflow Analysis	138
<i>Sherry X. Sun, J. Leon Zhao</i>	
Participant-Driven Collaborative Convergence	148
<i>Joel H. Helquist, John Kruse, Mark Adkins</i>	
Role Separation in Strategies for Collaboration Support	155
<i>Gwendolyn L. Kolfschoten, Fred Niederman, Robert O. Briggs, Gert-Jan de Vreede</i>	
The Organizing Pattern of Interaction: A Knowledge Centric Approach	164
<i>Douglas A. Druckenmiller</i>	
Virtual Communities for Innovations: Users' Requirements for the Development of an Academic SAP User Group	174
<i>Winfried Ebner, Ulrich Bretschneider, Marco Leimeister, Helmut Kremer</i>	
WikiWinWin: A Wiki Based System for Collaborative Requirements Negotiation	182
<i>Da Yang, Di Wu, Supannika Koolmanojwong, A. Winsor Brown, Barry W. Boehm</i>	

EMERGENCY RESPONSE SYSTEMS

MINITRACK INTRODUCTION

Introduction to Emergency Response Systems Minitrack	192
<i>T.X. Bui, M. Turoff, B. Van de Walle</i>	
A Decision Analysis Framework for Emergency Notification	193
<i>Zhengchuan Xu, Yufei Yuan, Shaobo Ji</i>	
Design and Development of a Virtual Emergency Operations Center for Disaster Management Research and Training and Discovery	202
<i>Irma Becerra-Fernández, Greg Madey, Michael Prietula, Domingo Rodríguez, Ricardo Valerdi, Timothy Wright</i>	

Coordination and its ICT Support in Crisis Response: Confronting the Information-Processing View of Coordination with a Case Study	210
<i>Rafael A. Gonzalez</i>	
Leadership Roles and Communication Issues in Partially Distributed Emergency Response Software Development Teams: A Pilot Study	220
<i>Linda Plotnick, Rosalie Ocker, Starr Roxanne Hiltz, Mary Beth Rosson</i>	

HUMAN-COMPUTER INTERACTION (HCI)

MINITRACK INTRODUCTION

Introduction to Human-Computer Interaction (HCI) Minitrack	230
<i>J.S. Valacich, J.D. Wells</i>	
Online Purchasing of Simple Retail Goods: The Impact of e-Service Quality as Provided by Electronic Commerce Functionalities	231
<i>Pierre Hadaya, Jean Ethier</i>	
A Conceptual Model of Wiki Technology Diffusion.....	241
<i>Andrea J. Hester, Judy E. Scott</i>	
Online Services and Customer Characteristics and Usability Requirements.....	249
<i>Anne P. Massey, Vijay Khatri, Mitzi M. Montoya-Weiss</i>	
Using Surprise in Human-computer Interfaces to Enhance Knowledge Communication Effectiveness	259
<i>N. Kock, R. Chatelain-Jardon, J. Carmona</i>	
An Empirical Investigation of the Roles of Outcome Controls and Psychological Factors in Collaboration Technology Supported Virtual Teams.....	264
<i>Fang He, Souren Paul</i>	
Generating an Abstract User Interface from a Discourse Model Inspired by Human Communication	274
<i>Cristian Bogdan, Jürgen Falb, Hermann Kaindl, Sevan Kavaldjian, Roman Popp, Helmut Horacek, Edin Arnautovic, Alexander Szep</i>	
Quantitative Early-Phase User Research Methods: Hard Data for Initial Product Design	284
<i>Christopher N. Chapman, Edwin Love, James L. Alford</i>	
Some Implications of Comparing Brain and Computer Processing	292
<i>Brian Whitworth</i>	

MEASURING COLLABORATIVE TECHNOLOGIES AND PROCESSES

MINITRACK INTRODUCTION

Introduction to Measuring Collaborative Technologies and Processes Minitrack	302
<i>B. Reinig, J. Murphy, A. Davis</i>	
Effective Use of Collaborative IT Tools: Nature and Antecedents and Consequences	303
<i>Paul A. Pavlou, Angelika Dimoka, Thomas J. Housel</i>	
Exploring the Concept of Para Social Presence in Virtual Project Teams	313
<i>Eric T. K. Lim, Yu-Ting Caisy Hung</i>	

An Interview Protocol for Discovering and Assessing Collaboration Engineering Opportunities	323
<i>Robert O. Briggs, Alanah J. Davis, John D. Murphy</i>	

MOBILE TECHNOLOGIES AND COLLABORATION

MINITRACK INTRODUCTION

Introduction to Mobile Technologies and Collaboration Minitrack	334
<i>J.S. Valacich, C.A. Looney</i>	

A Mobile System and Application for Facilitating Emotional Awareness in Knowledge Work Teams	335
<i>Timo Saari, Kari Kallinen, Mikko Salminen, Niklas Ravaja, Kliment Yanev</i>	

Technology’s Transformative Effects on When and Where and How Individuals Work: A Grounded-Narrative Approach	345
<i>David J. Pauleen, Brian M. Harmer</i>	

M-Fieldwork for Information Systems Students	355
<i>Laurel Evelyn Dyson, Elaine Lawrence, Andrew Litchfield, Agnieszka Zmijewska</i>	

Place as Adoption Moderating Factor - Usage Implications for Mobile Data Services	365
<i>Homer Papadopoulos</i>	

Mobile Advertising in Different Stages of Development: A Cross-Country Comparison of Consumer Attitudes	378
<i>Parissa Haghirian, Maria Madlberger, Akihiro Inoue</i>	

Smartphones Enabling Mobile Collaboration	387
<i>Bettina Beurer-Zuellig, Miriam Meckel</i>	

NEGOTIATION SUPPORT SYSTEMS

MINITRACK INTRODUCTION

Introduction to Negotiation Support Systems Minitrack	397
<i>T.X. Bui, M.F. Shakun</i>	

Bidder Valuation of Bundles in Combinatorial Auctions	398
<i>Soumyakanti Chakraborty, Anup Kumar Sen, Amitava Bagchi</i>	

Situated Decision Support for Managing Service Level Agreement Negotiations	408
<i>Rustam Vahidov, Dirk Neumann</i>	

Preparing a Negotiated R&D Portfolio with a Prediction Market	417
<i>Cédric Gaspoz, Yves Pigneur</i>	

What Happened to Cross-Cultural Dyadic E-Negotiation?	427
<i>Hsiangchu Lai, Wan-Jung Lin, Juin-Yi Lin</i>	

The Impact of Cognitive Styles on Users' Future Intention to Use E-Negotiation Systems	436
<i>Her-Sen Doong, Hui-Chih Wang</i>	

SOCIAL NETWORKS AND COLLABORATION

MINITRACK INTRODUCTION

Introduction to Social Networks and Collaboration Minitrack	446
<i>H. Oinas-Kukkonen, A.B. Hargadon, D.F. Steiny</i>	
How Does Collaborative Group Technology Influence Social Network Structure?	447
<i>Mark Keith, Haluk Demirkan, Michael Goul</i>	
Distributed Innovation in Classes of Networks	457
<i>Youngjin Yoo, Kalle Lyytinen, Richard J. Boland Jr.</i>	
Cooperation and Coordination in Decentralized Communication Networks	466
<i>Devan Rosen</i>	
Social Network Analysis as a Tool to Evaluate the Effectiveness of EC Funded Networks of Excellence: The Case of DEMO-Net	476
<i>Kathy Buckner, Peter Cruickshank</i>	
The Effect of Internet Usage on Interpersonal Relationships: A Case Study	486
<i>Susan Bastani, Maryam Fazel-Zarandi</i>	

DECISION TECHNOLOGIES AND SERVICE SCIENCES TRACK

Track Introduction	N/A
---------------------------------	-----

AGENT TECHNOLOGY, INTELLIGENT SYSTEMS AND SOFT COMPUTING IN MANAGEMENT SYSTEMS

A Cyc-Based Multi-Agent System	494
<i>Jingwen He, Hokyin Lai, Huaiqing Wang</i>	
A Genetic Algorithm for the Two Machine Flow Shop Problem	502
<i>Kumar Adusumilli, Doina Bein, Wolfgang Bein</i>	
Urban Traffic Signal Control Based on Distributed Constraint Satisfaction	510
<i>Kazunori Mizuno, Yukio Fukui, Seiichi Nishihara</i>	

INTELLIGENT DECISION SUPPORT FOR LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MINITRACK INTRODUCTION

Introduction to Intelligent Decision Support for Logistics and Supply Chain Management Minitrack	520
<i>A. Fink, H. Sebastian, S. Voß</i>	
A Two-Level Parallel Genetic Algorithm for the Uncapacitated Warehouse Location Problem	521
<i>Jörg Homberger, Hermann Gehring</i>	

The Economic Production Quantity Problem with a Finite Production Rate and Fuzzy Cycle Time	529
<i>Kaj-Mikael Björk</i>	
An Optimal Decision Making Model for Supplier and Buyer's Win-Win Strategy in a Two Echelon Supply Chain	538
<i>Geon Cho, Jae Jon Kim, Hyong Ho Park, Choon-Sup Noh, Soon-Hoo So, Yi Sook Park, Kyung Ho Jung</i>	
Consensual Dynamics in Group Decision Making with Triangular Fuzzy Numbers	545
<i>Mario Fedrizzi, Michele Fedrizzi, Ricardo Alberto Marques Pereira, Matteo Brunelli</i>	
Decision-Guidance Management Systems (DGMS): Seamless Integration of Data Acquisition and Learning and Prediction and Optimization	554
<i>Alexander Brodsky, X. Sean Wang</i>	
Development and Evaluation of an Intelligent Fleet Management System for City Logistics	564
<i>Vasileios Zaimpekis, George M. Giaglis, Ioannis Minis</i>	
Combining RFID Technology and Business Intelligence for Supply Chain Optimization - Scenarios for Retail Logistics	573
<i>Henning Baars, Hans-Georg Kemper, Heiner Lasi, Marc Siegel</i>	
Service Composition Language to Unify Simulation and Optimization of Supply Chains	583
<i>Alexander Brodsky, Malak Al-Nory, Hadon Nash</i>	

KNOWLEDGE DISCOVERY FOR MANAGERIAL DECISION SUPPORT

MINITRACK INTRODUCTION

Introduction to Knowledge Discovery for Managerial Decision Support Minitrack	593
<i>D. Delen, D.L. Olson</i>	
Intelligence Database Creation & Analysis: Network-Based Text Analysis Versus Human Cognition	594
<i>John M. Graham, Kathleen M. Carley, Drew Cukor</i>	
Organization-Ontology Based Framework for Implementing the Business Understanding Phase of Data Mining Projects	604
<i>Sumana Sharma, Kweku-Muata Osei-Bryson</i>	
A Case Study of Core Vector Machines in Corporate Data Mining	614
<i>Stefan Lessmann, Ning Li, Stefan Voß</i>	
Toward a Comprehensive Model in Internet Auction Fraud Detection	623
<i>Bin Zhang, Yi Zhou, Christos Faloutsos</i>	
Exploration of Feature Selection and Advanced Classification Models for High-Stakes Deception Detection	632
<i>Christie M. Fuller, David P. Biro, Dursun Delen</i>	

MOBILE COMMERCE AND VALUE SERVICES

MINITRACK INTRODUCTION

Introduction to Mobile Commerce and Value Services Minitrack	640
<i>C. Carlsson, M. Rossi, V.K. Tuunainen, P. Walden</i>	

Investigation of Factors That Have Impacts on Usage Increase and Decrease of Mobile Data Service	641
<i>Sang Hoon Lee, Bongsik Shin, Ho Geun Lee</i>	
Lost Opportunity - Why Has Dominant Design Failed to Emerge for the Mobile Payment Services Market in Finland?	651
<i>Tomi Dahlberg, Milla Huurros, Antti Ainamo</i>	
Are Mobile Payment and Banking the Killer Apps for Mobile Commerce?	661
<i>Xianpei Hu, Wenli Li, Qing Hu</i>	
Emergent Distributed Narratives in Spatiotemporal Mobility: An Exploratory Study on Mobile 2.0 Services	671
<i>Youngjin Yoo, Iis P. Tussyadiah, Daniel R. Fesenmaier, Timo Saari, Ingvar Tjøstheim</i>	
Making the Fun of Fishing Legal with Mobile Value Services	681
<i>Christer Carlsson, Arild Havnen, Pirkko Walden</i>	

OPERATIONS RESEARCH APPROACHES TO SERVICE SCIENCES, MANAGEMENT AND ENGINEERING

MINITRACK INTRODUCTION

Introduction to Operations Research Approaches to Service Sciences and Management and Engineering Minitrack	691
<i>Hans-Jurgen Sebastian, Dan Dolk</i>	
Global Optimization of Water Distribution Systems	692
<i>Kaj-Mikael Björk, Lazaros G. Papageorgiou</i>	
Optimizing the Supplier Selection and Service Portfolio of a SOA Service Integrator	702
<i>Jan Christian Lang, Thomas Widjaja, Peter Buxmann, Wolfgang Domschke, Thomas Hess</i>	
Online Grocery Order Fulfillment Tradeoffs	712
<i>Judy E. Scott, Carlton H. Scott</i>	
Supply Chain Coordination Using Returns Policy with Sales Rebate and Penalty under Effort and Price Dependent Demand	722
<i>Yong He, Lindu Zhao, Ju He</i>	
Risk-Constrained Generation Asset Scheduling for Price-Takers in the Electricity Markets	732
<i>Jianhui Wang</i>	
A Real-Options Approach to Modeling Investments in Competitive and Dynamic Retail Markets	741
<i>Baabak Ashuri, William B. Rouse, Douglas Bodner</i>	

SERVICE ORIENTED ENTERPRISE

MINITRACK INTRODUCTION

Introduction to the Service Oriented Enterprise Minitrack	755
<i>H. Demirkan, M. Goul, D. Morse</i>	
A Semantic Web Services-Based Architecture for Model Management Systems	756
<i>Amit V. Deokar, Omar F. El-Gayar</i>	
Integration Testing of Composite Applications	766
<i>Liam Peyton, Bernard Stepien, Pierre Seguin</i>	

Using k-Pricing for Penalty Calculation in Grid Market	776
<i>Michael Becker, Nikolay Borrisov, Vikas Deora, Omer F. Rana, Dirk Neumann</i>	
Business Process Modeling: A Service-Oriented Approach	786
<i>Corine Cauvet, Gwladys Guzelian</i>	
Business-Oriented Development Methodology for IT Service Management	794
<i>Kevin Jin, Pradeep Ray</i>	
Exploring Barriers to Innovation Diffusion in Health Care Service Organizations: An Issue for Effective Integration of Service Architecture and Information Technologies	804
<i>Tugrul U. Daim, R. Tarcan Tarman, Nuri Basoglu</i>	
Exploring the Service-Oriented Enterprise: Drawing Lessons from a Case Study.....	814
<i>Marijn Janssen</i>	
Formal Foundation of Workflow Hyperpaths and a Graph Search Algorithm for Workflow Hyperpath Generation.....	824
<i>Sinnakrishnan Perumal, Ambuj Mahanti</i>	

SERVICE SCIENCE MANAGEMENT AND ENGINEERING

MINITRACK INTRODUCTION

Introduction to Service Science Management and Engineering Minitrack	834
<i>M.J. Shaw, P.P. Maglio, F. Lin</i>	
The Service System is the Basic Abstraction of Service Science	835
<i>Jim Spohrer, Stephen L. Vargo, Nathan Caswell, Paul P. Maglio</i>	
Reference Models and Modeling Languages for Product-Service Systems - Status-Quo and Perspectives for Further Research	845
<i>Jörg Becker, Daniel Beverungen, Ralf Knackstedt</i>	
Bridging the "Front Stage" and "Back Stage" in Service System Design.....	855
<i>Robert J. Glushko, Lindsay Tabas</i>	
Toward a Ubiquitous Personalized Daily-Life Activity Recommendation Service with Contextual Information: A Services Science Perspective	865
<i>Chen-Ya Wang, Yueh-Hsun Wu, Seng-Cho T. Chou</i>	
The Design of an Accountability Framework for Service Engineering.....	875
<i>Kwei-Jay Lin</i>	
Using Process Models for the Design of Service-Oriented Architectures: Methodology and E-Commerce Case Study	884
<i>Oliver Thomas, Katrina Leyking, Florian Dreifus</i>	
Towards a Framework for Evaluating Immersive Business Models: Evaluating Service Innovations in Second Life	894
<i>Henry M. Kim, Kelly Lyons, Mary Ann Cunningham</i>	
The Critical Issues about Deploying RFID in Healthcare Industry by Service Perspective.....	904
<i>Ching-Huan Kuo, Houn-Gee Chen</i>	
Collaborative Continuous Service Engineering - A Case Study in a Financial Service Environment	914
<i>Ryan Riordan, Benjamin Blau, Dirk Neumann, Christof Weinhardt</i>	
A Lifecycle Approach towards Business Rules Management.....	924
<i>Matthew L. Nelson, Robert L. Rariden, Ravi Sen</i>	

Towards Service Engineering: Service Orientation and Business-IT Alignment	934
<i>Hong-Mei Chen</i>	
Service-Oriented Resource Management	944
<i>Jürgen Dorn, Hannes Werthner</i>	
Design of Service Systems Under Variability: Research Issues	953
<i>P. K. Kannan, João F. Proença</i>	
Service Systems as Customer-Intensive Systems and its Implications for Service Science and Engineering	961
<i>Claudio Pinhanez</i>	

SOFTWARE AGENTS AND SEMANTIC WEB TECHNOLOGIES

MINITRACK INTRODUCTION

Introduction to Software Agents and Semantic Web Technologies Minitrack	971
<i>T.E. Potok, M.T. Elmore, Y. Jiao</i>	
Evolution and Maintenance of SOA-Based Systems at SAS	972
<i>Mira Kajko-Mattson, Grace A. Lewis, Dennis B. Smith</i>	
Formalizing the Role of Goals in the Development of Domain-Specific Ontological Frameworks	982
<i>Faezeh Ensan, Weichang Du</i>	
Web-Based Service Exchange System for Agents and Humans Alike	991
<i>Evens Jean, Machigar Ongtang, Ali R. Hurson</i>	

DIGITAL MEDIA: CONTENT AND COMMUNICATION TRACK

TRACK INTRODUCTION

Introduction to Digital Media: Content and Communication Track	1001
<i>M. Shepherd</i>	

DIGITAL DIVIDE

MINITRACK INTRODUCTION

Introduction to Digital Divide Minitrack	1002
<i>K. Barzilai-Nahon, N. Roztocki</i>	
Transcending the Digital Divide: A Framing Analysis of Information and Communication Technologies News in Native American Tribal Newspapers	1003
<i>Sajda Qureshi, Teresa Trumbly-Lamsam</i>	
Digital Usage Behavior: A Sense Making Perspective	1013
<i>James B. Freedman, John C. Henderson</i>	
Factors Influencing Users' Intentions to Make the Web Accessible to People with Disabilities	1020
<i>Karine Barzilai-Nahon, Izak Benbasat, Nancy Lou</i>	
Understanding the Factors Influencing the Attitude Toward and the Use of Mobile Technology in Developing Countries: A Model of Cellular Phone Use in Guinea	1030
<i>Bangaly Kaba, Koffi N'Da, Victor Mbarika</i>	

Connecting Communities of Need with Public Health: Can SMS Text-Messaging Improve Outreach Communication?	1043
<i>Elizabeth Avery Gomez</i>	
Rethinking the Digital Divide: Towards a Path of Digital Effectiveness	1053
<i>Corlane Barclay, Evan W. Duggan</i>	

GENRES IN COMMUNICATION AND DIGITAL DOCUMENTS

MINITRACK INTRODUCTION

Introduction to Genres in Communication and Digital Documents Minitrack	1063
<i>K. Crowston, C.I. Eriksson, T. Paivarinta</i>	
Using Visual Features for Fine-Grained Genre Classification of Web Pages	1064
<i>Ryan Levering, Michal Cutler, Lei Yu</i>	
Examining Variations of Prominent Features in Genre Classification	1074
<i>Yunhyong Kim, Seamus Ross</i>	
An Examination of Genre Attributes for Web Page Classification	1084
<i>Lei Dong, Carolyn Watters, Jack Duffy, Michael Shepherd</i>	

INFORMATION RETRIEVAL AND SEARCH EFFECTIVENESS: EXPLORING NEW PERSPECTIVES

MINITRACK INTRODUCTION

Information Retrieval and Search Effectiveness Minitrack	1094
<i>R. Larson, C. Watters</i>	
Cross-Language Information Retrieval by Domain Restriction Using Web Directory Structure	1095
<i>Fuminori Kimura, Akira Maeda</i>	
An Evaluation of How Search Engines Respond to Greek Language Queries	1103
<i>Efthimis N. Efthimiadis, Nicos Malevris, Apostolos Kousaridas, Alexandra Lepeniotou, Nikos Loutas</i>	
Document Retrieval Using Proximity-Based Phrase Searching	1109
<i>Kathryn Patterson, Carolyn Watters, Michael Shepherd</i>	
Relationship between Uncertainty and Patterns of Pre-Purchase Consumer Search in Electronic Markets	1117
<i>Theresa Lauraeus-Niinivaara, Timo Saarinen, Anne Sunikka, Anssi Oörni</i>	
Video Content Description Using Fuzzy Spatio-Temporal Relations	1127
<i>Archana M. Rajurkar, R. C. Joshi, Santanu Chaudhary</i>	
Automatic New Topic Identification in Search Engine Transaction Logs using Multiple Linear Regression	1134
<i>Seda Ozmutlu, H. Cenk Ozmutlu, Amanda Spink</i>	

KNOWLEDGE DISCOVERY

MINITRACK INTRODUCTION

Introduction to Knowledge Discovery Minitrack	1142
<i>M.T. Elmore</i>	
A Context-Aware Approach Enhancing XML Semantics Integration	1143
<i>Dershing Luo, Ching-Cha Hsieh</i>	
On Structural Analysis of Large Networks	1148
<i>Nurcan Yuruk, Xiaowei Xu, Thomas A. J. Schweiger</i>	

PERSISTENT CONVERSATION 9: DESIGN AND ANALYSIS OF CMC SYSTEMS

MINITRACK INTRODUCTION

Introduction to Persistent Conversation 9: Design and Analysis of CMC Systems	
Minitrack	1158
<i>T. Erickson, S.C. Herring</i>	
Television-Mediated Conversation: Coherence in Italian iTV SMS Chat	1159
<i>Asta Zelenkauskaite, Susan C. Herring</i>	
Cues to Deception in Online Chinese Groups	1170
<i>Lina Zhou, Yu-Wei Sung</i>	
Communicators' Perceptions of Social Presence as a Function of Avatar Realism in Small Display Mobile Communication Devices	1178
<i>Sin-Hwa Kang, James H. Watt, Sasi Kanth Ala</i>	
Social Exchange Online: Public Conversations in the Blogosphere	1188
<i>Michael A. Stefanone, Chyng-Yang Jang</i>	
Exploring the Corporate Blogosphere: A Taxonomy for Research and Practice	1198
<i>Nicholas S. Lockwood, Alan R. Dennis</i>	
Online Gestures: Icon Use by Fan Communities on LiveJournal	1208
<i>Claudia Rebaza</i>	
Venice and California and World of Warcraft: Persistence and Ephemerality in Playful Spaces	1218
<i>Silvia Lindtner, Bonnie Nardi</i>	

SOCIAL SPACES: PRODUCTION AND CONSUMPTION OF GOODS IN DIGITAL COLLECTIVES

MINITRACK INTRODUCTION

Introduction to Social Spaces: Production and Consumption of Goods in Digital Collectives Minitrack	1227
<i>F.B. Viegas, K. Karahalios</i>	
Mobile Social Networking: An Information Grounds Perspective	1228
<i>Scott Counts, Karen E. Fisher</i>	

Prototyping a Community-Generated and Mobile Device-Enabled Database of Environmental Impact Reviews of Consumer Products	1238
<i>Bill Tomlinson</i>	
Smarter Blogroll: An Exploration of Social Topic Extraction for Manageable Blogrolls	1248
<i>Eric Baumer, Danyel Fisher</i>	
Structure and Network in the YouTube Core	1258
<i>John C. Paolillo</i>	
Scaling Consensus: Increasing Decentralization in Wikipedia Governance	1268
<i>Andrea Forte, Amy Bruckman</i>	
Information Sharing and Patterns of Social Interaction in an Enterprise Social Bookmarking Service	1278
<i>Ying Xin Pan, David R. Millen</i>	
Harry Potter and the Meat-Filled Freezer: A Case Study of Spontaneous Usage of Visualization Tools	1288
<i>Fernanda B. Viégas, Martin Wattenberg, Matt McKeon, Frank van Ham, Jesse Kriss</i>	
Tag Clouds: Data Analysis Tool or Social Signaller?	1298
<i>Marti A. Hearst, Daniela Rosner</i>	

ELECTRIC POWER SYSTEMS RESTRUCTURING: ENGINEERING, ECONOMICS AND POLICY TRACK

TRACK INTRODUCTION

Introduction to the Electric Power Systems Restructuring: Engineering and Economics and Policy Track	1308
<i>R.J. Thomas</i>	

MINITRACK INTRODUCTION

Introduction to the Electric Power System Monitoring and Control Minitrack	1309
<i>P.W. Sauer</i>	

ADVANCED REAL-TIME MEASUREMENTS

Distributed State Estimator - Advances and Demonstration	1310
<i>A. P. Sakis Meliopoulos, George J. Cokkinides, Floyd Galvan, Bruce Fardanesh</i>	
Issues Related to the Implementation of Synchrophasor Measurements	1321
<i>Miroslav Begovic, Damir Novosel, Branislav Djokic</i>	
North American SynchroPhasor Initiative	1331
<i>J. E. Dagle</i>	

EMS APPLICATIONS

Advanced Sensitivity Analysis for Long-Range Transmission Expansion Planning	1335
<i>Scott R. Dahman, Donald J. Morrow, Keith Tynes, James D. Weber</i>	
Smart Action: A Tool to Help Power System Restoration	1341
<i>Jorge Figueiredo, Jacques Sauvé, Pedro Niccolletti, Eloi Rocha, Sérgio Araújo, Fructuoso Amorim, Anderson Feitosa, Ronaldo Agra, Willames Ribeiro</i>	

Contouring for Power Systems Using Graphical Processing Units	1351
<i>Joseph Euzebe Tate, Thomas J. Overbye</i>	

SENSOR NETWORKS AND DATA INTEGRATION

Temporal and Spatial Requirements for Optimized Fault Location.....	1361
<i>Mladen Kezunovic, Maja Knezev</i>	
Fast Algorithms for Detecting Circular VAR Flows in Large Power-Flow Models.....	1370
<i>Yonghong Chen, Xing Liu, Vaithianathan Venkatasubramanian</i>	
Reference Values for Dynamic Calibration of PMUs	1380
<i>Gerard Stenbakken, Tom Nelson, Ming Zhou, Virgilio Centeno</i>	

ENGINEERING AND ECONOMIC INTERACTIONS

Minitrack Introduction.....	N/A
------------------------------------	------------

ALTERNATIVE TECHNOLOGIES

A Market Mechanism for Energy Allocation in Micro-CHP Grids	1386
<i>Carsten Block, Dirk Neumann, Christof Weinhardt</i>	
Agent-Based Electricity Balancing with Distributed Energy Resources and a Multiperspective Case Study	1397
<i>Koen Kok, Zsófia Derzsi, Jaap Gordijn, Maarten Hommelberg, Cor Warmer, René Kamphuis, Hans Akkermans</i>	
An Integrated Architecture for Demand Response Communications and Control	1407
<i>Michael LeMay, Rajesh Nelli, George Gross, Carl A. Gunter</i>	

MARKETS AND RELIABILITY OF SUPPLY

Testing the Performance of a Forward Capacity Market with Barriers to Entry	1417
<i>Timothy D. Mount, Surin Maneevitjit</i>	
A Leader-Follower Computational Learning Approach to the Study of Restructured Electricity Markets: Investigating Price Caps.....	1427
<i>Kurian Tharakunnel, Siddhartha Bhattacharyya</i>	
Spatial Arbitrage to Reduce "Seams" Across Electricity System Control Areas: An Experimental Analysis	1435
<i>Richard E. Schuler</i>	

SUSTAINABILITY: RENEWABLES, CARBON AND NUCLEAR

Reducing the Variability of Wind Power Generation for Participation in Day Ahead Electricity Markets.....	1445
<i>C. Lindsay Anderson, Judith B. Cardell</i>	
Electricity Load and Carbon Dioxide Emissions: Effects of a Carbon Price in the Short Term.....	1455
<i>Adam Newcomer, Seth Blumsack, Jay Apt, Lester B. Lave, M. Granger Morgan</i>	
Valuation of Reserve Services	1459
<i>Pablo A. Ruiz, Peter W. Sauer</i>	

ELECTRIC POWER RELIABILITY AND SECURITY

MINITRACK INTRODUCTION

Introduction to Electric Power Reliability and Security Minitrack	1468
<i>J.E. Dagle</i>	
Evaluating the Effect of Upgrade and Control and Development Strategies on Robustness and Failure Risk of the Power Transmission Grid	1469
<i>D. E. Newman, B. A. Carreras, V. E. Lynch, I. Dobson</i>	
Generating Random Topology Power Grids	1475
<i>Zhifang Wang, Robert J. Thomas, Anna Scaglione</i>	
Power System Extreme Event Detection: The Vulnerability Frontier	1484
<i>Bernard C. Lesieutre, Ali Pinar, Sandip Roy</i>	

CONTROL SYSTEM CYBER SECURITY

A Centrality Measure for Electrical Networks	1491
<i>Paul Hines, Seth Blumsack</i>	
Monitoring of Power System Dynamic Behavior Using Characteristic Ellipsoid Method	1499
<i>Yuri V. Makarov, Carl H. Miller, Tony B. Nguyen</i>	
A Kalman-Based Coordination for Hierarchical State Estimation: Algorithm and Analysis	1505
<i>Saman A. Zonouz, William H. Sanders</i>	

ELECTRONIC GOVERNMENT TRACK

TRACK INTRODUCTION

Introduction to the Electronic Government Track	1515
<i>H.J. Scholl</i>	

E-DEMOCRACY

MINITRACK INTRODUCTION

Introduction to E-Democracy Minitrack	1516
<i>E.W. Welch, S. Beaumaster, D. Wolber</i>	
Engaging and Informing Citizens with Household Indicators	1517
<i>Janet Davis</i>	
Drop-Down Democracy: Internet Portal Design Influences Voters' Search Strategies	1527
<i>Scott P. Robertson, Christine E. Wania, George Abraham, S. Joon Park</i>	

E-GOVERNMENT ARCHITECTURE, INFRASTRUCTURE, AND INTEGRATION

MINITRACK INTRODUCTION

Introduction to E-Government Architecture and Infrastructure and Integration Minitrack	1537
<i>R. Klischewski, H. Demirkan, M. Janssen</i>	

InterDataNet: Interoperability Framework to Support Collaborative Creation and Management of Official Documents in e-Government Processes	1538
<i>Franco Pirri, Michela Paolucci, Davide Chini, Maria Chiara Pettenati, Samuele Innocenti</i>	
Conceiving Interoperability between Public Authorities - A Methodical Framework	1548
<i>Jörg Ziemann, Thomas Matheis, Dirk Werth</i>	
Interoperability Registries in eGovernment: Developing a Semantically Rich Repository for Electronic Services and Documents of the New Public Administration	1557
<i>Yannis Charalabidis, Dimitris Askounis</i>	

E-GOVERNMENT EMERGING TOPICS

Causal Structure and Endogeneity and the Missing Data Problem in Modeling the Impact of Information and Communication Technology (E-Government) Use: Theoretical and Methodological Challenges	1567
<i>Hun Myoung Park</i>	
Current Practices in Field Force Automation: Decision Support and Information Management for the Field Force	1577
<i>Gwen Trentham, Hans Jochen Scholl</i>	
Learning Object Development and Repository Design for Digital Government Instruction	1588
<i>Nathan Botts, Benjamin Schooley, Thomas A. Horan</i>	
High-Level Factors Affecting Global Availability of Online Government Services	1598
<i>Kathleen M. Boyer-Wright, Jeffrey E. Kottemann</i>	
Tools for Rules: Technology Transfer and Electronic Rulemaking	1604
<i>Stuart W. Shulman, Namhee Kwon, Eduard Hovy, Emily Huisman</i>	
An Exploratory Framework for Future E-Government Research Investments	1612
<i>Sharon S. Dawes</i>	

E-GOVERNMENT INFORMATION SECURITY

MINITRACK INTRODUCTION

Introduction to E-Government Information Security Minitrack	1620
<i>G.B. White, A. Conklin</i>	
A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network Attacks	1621
<i>Iosif-Viorel Onut, Ali A. Ghorbani</i>	
Internet Privacy in E-Commerce: Framework and Review and Opportunities for Future Research	1631
<i>J. Efrim Boritz, Won Gyun No, R. P. Sundarraj</i>	
Cyber Security and Government Fusion Centers	1641
<i>Natalie Granada, Gregory White</i>	

Pandemic Influenza and Worker Absenteeism and Impacts on Freight Transportation.....	1650
<i>Dean A. Jones, Linda K. Nozick, Mark A Turnquist, William J. Sawaya</i>	

E-GOVERNMENT/ORGANIZATION AND MANAGEMENT

MINITRACK INTRODUCTION

Introduction to E-Government/Organization & Management Minitrack.....	1660
<i>H. Krcmar, C. Leitner, A.M. Cresswell</i>	
Performance Monitoring and Accountability through Technology: E-Government in Greece.....	1661
<i>Dimitra I. Petrakaki, Niall Hayes, Lucas D. Introna</i>	
Management of Technochange in an Interorganizational e-Government Project	1671
<i>Andreas Nilsson</i>	
An Exploratory Approach for Benefits Management in e-Government: Insights from 48 Norwegian Government Funded Projects.....	1681
<i>Leif Skiftenes Flak, Tom Roar Eikebrokk, Willy Dertz</i>	
Governance Structures in Cross-Boundary Information Sharing: Lessons from State and Local Criminal Justice Initiatives	1691
<i>Theresa A. Pardo, J. Ramon Gil-Garcia, G. Brian Burke</i>	
An Empirical Examination of Open Standards Development	1701
<i>Rajiv Shah, Jay P. Kesan</i>	
Research on Constraints in Anti-Money Laundering (AML) Business Process in China Based on Theory of Constraints.....	1711
<i>Xuan Liu, Pengzhu Zhang</i>	

E-GOVERNMENT SERVICES AND INFORMATION

MINITRACK INTRODUCTION

Introduction to E-Government Services and Information Minitrack.....	1724
<i>M. Wimmer, E. Ferro, S. Eriksen</i>	
An Activity-Based Approach Towards Development and Use of E-Government Service Ontologies	1725
<i>Ralf Klischewski, Stefan Ukena</i>	
Antecedents to e-File Adoption: The U.S. Perspective.....	1735
<i>Lemuria Carter, Ludwig Christian Schaupp, Allison Evans</i>	
Building Citizen Trust Towards e-Government Services: Do High Quality Websites Matter?.....	1742
<i>Chee-Wee Tan, Izak Benbasat, Ronald T. Cenfetelli</i>	
Measuring Factors That Influence the Success of E-Government Initiatives.....	1752
<i>Ronnie Park</i>	
The Use of the UTAUT Model in the Adoption of E-Government Services in Kuwait.....	1762
<i>Suha AlAwadhi, Anne Morris</i>	
Needs Driven Design for eGovernment Value Webs.....	1773
<i>Petra Wolf, Helmut Krcmar</i>	

The Futures of EU-Based eGovernment: A Scenario-Based Exploration	1783
<i>Patrick van der Duin, Noor Huijboom</i>	

E-POLICY, LAW, And GOVERNANCE

MINITRACK INTRODUCTION

Introduction to the E-Policy and Law and Governance Minitrack	1792
<i>K. Schildt, S.S. Dawes, S.W. Shulman</i>	

Future e-Government Research: 13 Research Themes Identified in the eGovRTD2020 Project	1793
<i>Maria Wimmer, Cristiano Codagnone, Marijn Janssen</i>	

Citizens' Concerns about the Privacy of Personal Information Held by Government: A Comparative Study and Japan and New Zealand	1804
<i>Rowena Cullen</i>	

An Analysis of Korean National Information Strategy of IT839	1814
<i>Dong-Hee Shin, Won-Yong Kim</i>	

INFORMATION TECHNOLOGY IN HEALTH CARE TRACK

TRACK INTRODUCTION

Introduction to the Information Technology in Health Care Track	1824
<i>W.G. Chismar</i>	

ADVANCED BIOINFORMATICS TOOLS FOR TRANSLATIONAL RESEARCH

MINITRACK INTRODUCTION

Introduction to Advanced Bioinformatics Tools for Translational Research Minitrack	1825
<i>H.H. Ali, S. Sherman</i>	

The Impact of Directionality in Predications on Text Mining	1826
<i>Gondy Leroy, Marcelo Fiszman, Thomas C. Rindflesch</i>	

RFLP-WAVE Analysis for Rapid Identification of Medically Important Fungi	1836
<i>Dhundy R. Bastola, Sarfraz H. Chandio, Peter C. Iwen, Steven H. Hinrichs, Hesham Ali</i>	

Tree Mining in Mental Health Domain	1844
<i>Maja Hadzic, Fedja Hadzic, Tharam Dillon</i>	

CONSUMER HEALTH INFORMATICS

MINITRACK INTRODUCTION

Introduction to Consumer Health Informatics Minitrack	1852
<i>C. LeRouge, G. Culjak, T.A. Horan</i>	

Stratified Modelling and Analysis of Confidentiality Requirements	1853
<i>Adeniyi Onabajo, Jens H. Weber-Jahnke</i>	

Prospective Personal Health Record Use among Different User Groups: Results of a Multi-Wave Study	1863
<i>Deborah Beranek Lafky, Thomas A. Horan</i>	

Consumer-Centric and Privacy-Preserving Identity Management for Distributed e-Health Systems	1872
<i>Richard Au, Peter Croll</i>	

HCI ISSUES IN HEALTHCARE IT

An Investigation on the Use of Computerized Patient Care Documentation: Preliminary Results	1882
<i>Kenneth M. Cam, Efthimis N. Efthimiadis, Kenric W. Hammond</i>	

Human-Centered Design of Persuasive Appointment Reminders	1892
<i>Muhammad F. Walji, Jiajie Zhang</i>	

INTEROPERABILITY AND STANDARDS IN HEALTH CARE IT

MINITRACK INTRODUCTION

Introduction to Interoperability Standards in Health Care IT Track/Minitrack	1902
<i>M. Gaynor, S. Moulton, J. Rawn</i>	

Evaluating Ontologies Based on the Naturalness of Their Preferred Terms	1903
<i>Soon Ae Chun, James Geller</i>	

A Qualitative Study of Physicians and Surgeons and Nurses and Clinicians and Administrators Perception of Training to Learn Mandated Healthcare Informatics Tool Conducted at DC Veterans Affairs Hospital	1913
<i>Nina McGarry, Gordana Culjak</i>	

Interoperability of Medical Applications and Devices	1922
<i>Mark Gaynor, Dan Myung, Amar Gupta, James Rawn, Steve Moulton</i>	

IT ADOPTION AND EVALUATION IN HEALTHCARE

MINITRACK INTRODUCTION

Introduction to IT Adoption and Evaluation in Healthcare Minitrack	1932
<i>T. Spill, K. Trimmer, C. LeRouge, C. Wiggins</i>	

Prioritizing Clinical Information System Project Risk Factors: A Delphi Study	1933
<i>Guy Paré, Claude Sicotte, Mirou Jaana, David Girouard</i>	

The Internal Value of Mobile Computing in Emergency Medical Services: An Australian Case Study	1943
<i>Liz Burley, Helana Scheepers, Libby Owen</i>	

A TeleMedicine Transfer Model for Sub-Saharan Africa	1952
<i>Mengistu Kifle, Victor W. A. Mbarika, Clive Tsuma, Derkirra Wilkerson, Joseph Tan</i>	

From Adoption to Diffusion of a Telehealth Innovation	1964
<i>Sunyoung Cho, Lars Mathiassen, Mike Gallivan</i>	

Soft Innovation as Data-Driven Process Improvement Exploited Via Integrated Hospital Information Systems	1974
<i>Jim Ryan, Barbara Doster, Sandra Daily, Marty Heslin</i>	
Taking Charge of Your Health: The Drivers of Enrollment and Continued Participation in Online Health Intervention Programs	1984
<i>Jie Mein Goh, Ritu Agarwal</i>	
Electronic Medical Records: A Review Comparing the Challenges in Developed and Developing Countries	1994
<i>Sanjay P. Sood, Stacie N. Nwabueze, Victor W. A. Mbarika, Nupur Prakash, Samir Chatterjee, Pradeep Ray, Saroj Mishra</i>	
Electronic Medical Records Use - An Examination of Resident Physician Intentions	2004
<i>Ken Trimmer, John Beachboard, Carla Wiggins, William Woodhouse</i>	

IT APPLICATIONS IN HEALTHCARE ENVIRONMENTS

MINITRACK INTRODUCTION

Introduction to IT Applications in Healthcare Environments Minitrack	2014
<i>R. Juric, J. Kuljis, P. Oberndorf</i>	
A Light-Weight Component for Adding Decision Support to Electronic Medical Records	2015
<i>Jens H. Weber-Jahnke, Glen McCallum</i>	
Building a Customizable Knowledge Management Environment to Support Public Health Practice: Design Strategies	2025
<i>Debra Revere, Sherrilynne Fuller</i>	
Implementation of Ontology for Intelligent Hospital Wards	2035
<i>Pavandeep Kataria, Radmila Juric, Shamimabi Paurobally, Kambiz Madani</i>	
Integrated Solutions For Information Sharing in Health Care Applications	2044
<i>Saverio Da Ronco, Guillermo Diez-Andino Sancho, Lorenzo Dini, Elisabetta Ronchieri, Matteo Selmi</i>	
Pseudonymization for Improving the Privacy in e-Health Applications	2054
<i>Bernhard Riedl, Veronika Grascher, Stefan Fenz, Thomas Neubauer</i>	
A Proposed Solution for Managing Doctor's Smart Cards in Hospitals Using a Single Sign-On Central Architecture	2064
<i>Christian Mauro, Ali Sunyaev, Jan Marco Leimeister, Andreas Schweiger, Helmut Krcmar</i>	
Value Propositions for Information Systems in Healthcare	2074
<i>Daron Green, Terry Young</i>	

INTERNET AND THE DIGITAL ECONOMY TRACK

TRACK INTRODUCTION

Introduction to the Internet and the Digital Economy Track	2083
<i>D. King, A. Dennis</i>	

COMMUNITY WIRELESS NETWORKS FOR DEVELOPMENT

MINITRACK INTRODUCTION

Introduction to Community Wireless Networks for Development Minitrack	2084
<i>H.H. Ali, A. Abdelaal</i>	
Discursive Deployments: Mobilizing Support for Municipal and Community Wireless Networks in the U.S.	2085
<i>Rosío Alvarez, Juana María Rodríguez</i>	
Analysis of the Development of Kutztown Community Network	2095
<i>Dong-Hee Shin, Murali Venkatesh</i>	

CYBER THREATS, EMERGING RISKS, AND SYSTEMIC CONCERNS

MINITRACK INTRODUCTION

Introduction to Cyber Threats and Emerging Risks and Systemic Concerns Minitrack	2105
<i>G. Schryen, J.J. Gonzalez, E. Rich</i>	
Improvements in Security Alert Analysis with a Truth Maintenance System	2106
<i>Albert Tang, Pradeep Ray, Lundy Lewis</i>	
Towards a Methodology for Profiling Cyber Criminals	2114
<i>Leonard Kwan, Pradeep Ray, Greg Stephens</i>	
Systems Theory Model for Information Security	2123
<i>Arthur Conklin, Glenn Dietrich</i>	
Software Piracy: Original Insights from a Criminological Perspective	2132
<i>Robert Willison, Mikko Siponen</i>	
Toward a Generic Model of Security in an Organizational Context: Exploring Insider Threats to Information Infrastructure	2141
<i>Ignacio J. Martínez-Moyano, Michael E. Samsa, James F. Burke, Bahadır K. Akcam</i>	

DELIVERING ONLINE SERVICE QUALITY: THE ROLE OF IT

MINITRACK INTRODUCTION

Introduction to Delivering Online Service Quality: The Role of IT Minitrack	2151
<i>B. Hope, M. Tate, B. Corbitt</i>	
Understanding the Blog Service Switching in Hong Kong: An Empirical Investigation	2152
<i>Kem Z. K. Zhang, Christy M. K. Cheung, Matthew K. O. Lee, Huaping Chen</i>	
Trust in Online Shopping: The Korean Student Experience	2161
<i>Ji-Seok Yoo, Jae-Nam Lee, Julian Hoffmann</i>	
Virtual Experiential Marketing on Online Customer Intentions and Loyalty	2171
<i>Jashen Chen, Russell K. H. Ching, Margaret Meiling Luo, Chu-Chi Liu</i>	
An Investigation into the Determinants of Repurchase Loyalty in the E-Marketplace	2181
<i>Hui-Chih Wang, Her-Sen Doong, Hui-Chin Shih, John Pallister, Gordon Foxall</i>	

ELECTRONIC CUSTOMER RELATIONSHIP MANAGEMENT

MINITRACK INTRODUCTION

Introduction to Electronic Customer Relationship Management Minitrack	2191
<i>S. Glissmann, N.C. Romano Jr., L.M. Kolbe, J. Fjermestad</i>	
A Cognitive Map of People’s Online Risk Perceptions and Attitudes: An Empirical Study	2192
<i>Isaac J. Gabriel, Easwar Nyshadham</i>	
Internet Users' Beliefs about Government Surveillance - The Role of Social Awareness and Internet Literacy	2202
<i>Tamara Dinev</i>	
CRM and Customer Portfolio Management for E-Tailers	2211
<i>Dennis Kundisch, Stefan Sackmann, Markus Ruch</i>	
The Business Value of CRM Systems: A Resource-Based Perspective	2221
<i>Shutao Dong, Kevin Zhu</i>	
Beyond CRM: A System to Bridge the Gap between the Customer and the Global Manufacturing Supply Chain	2231
<i>Charalampos Makatsoris, Yoon Seok Chang</i>	

ELECTRONIC MARKETING

MINITRACK INTRODUCTION

Introduction to Electronic Marketing Minitrack	2243
<i>A. Kambil, A. Kamis, M. Koufaris, B.D. Weinberg</i>	
An Exploration of the Hygiene and Motivator Aspects of WebQual Constructs in Predicting Website Reuse	2244
<i>Ben Q. Liu, Dale L. Goodhue</i>	
Marketing Using Web 2.0	2254
<i>Salvatore Parise, Patricia J. Guinan</i>	
Simulation of Online Selling with Posted-Price and Auctions: Comparison of Dual Channel’s Performance under Different Auction Mechanisms	2261
<i>Hila Etzion, Scott Moore</i>	
What and Who and Where: Insights into Personalization	2271
<i>Anne Sunikka, Johanna Bragge</i>	
Web Accessibility for the Blind: Corporate Social Responsibility or Litigation Avoidance?	2281
<i>Jonathan Frank</i>	
A Taxonomy of Service Failures in Electronic Retailing	2289
<i>Nelson Massad, John Beachboard</i>	
Examining the Perceived Credibility of Online Opinions: Information Adoption in the Online Environment	2299
<i>Neil Rabjohn, Christy M. K. Cheung, Matthew K. O. Lee</i>	
Integrating Conflicting Reviews: Attributional Hypotheses of Consumer Response to Information Uncertainty Depending on Prior Brand Attitude	2309
<i>Do-Hyung Park, Ingoo Han</i>	

INTERACTIVE DIGITAL ENTERTAINMENT, SOCIAL COMPUTING, AND LIFESTYLE COMPUTING

MINITRACK INTRODUCTION

Introduction to Interactive Digital Entertainment, Social Computing and Lifestyle Computing Minitrack	2319
<i>P.B. Lowry, I. MacInnes</i>	
Chaos Theory as a Model for Interpreting Weblog Traffic	2320
<i>Xitong Guo, Doug Vogel, Zhongyun Zhou, Xi Zhang, Huaping Chen</i>	
Morality in Cyberspace: a Comparison of Chinese and U.S. Youth's Beliefs about Acceptable Online Behavior	2329
<i>Linda A. Jackson, Yong Zhao, Wei Qiu, Anothony Kolenic III, Hiram E. Fitzgerald, Rena Harold, Alexander von Eye</i>	
Social Network Analysis of Video Bloggers' Community	2339
<i>John Warmbrodt, Hong Sheng, Richard Hall</i>	
Understanding Development and Usage of Social Networking Sites: The Social Software Performance Model	2348
<i>Catherine Dwyer, Starr Roxanne Hiltz, George Widmeyer</i>	

INTERNET SECURITY: INTRUSION DETECTION AND PREVENTION IN MOBILE SYSTEMS

Frameworks for Securing Limited-Device Applications	2358
<i>Timothy Lindquist, Aarthi Ramamurthy, Ramon Anguamea</i>	
Integrated OTP-Based User Authentication Scheme Using Smart Cards in Home Networks	2366
<i>Jongpil Jeong, Min Young Chung, Hyunseung Choo</i>	
Location Privacy for Users of Wireless Devices through Cloaking	2373
<i>Calvert L. Bowen III, David R. Raymond, Thomas L. Martin</i>	
Mobile Device Profiling and Intrusion Detection Using Smart Batteries	2383
<i>Timothy K. Buennemeyer, Theresa M. Nelson, Lee M. Clagett, John P. Dunning, Randy C. Marchany, Joseph G. Tront</i>	

MARKET STRUCTURE AND BUSINESS MODELS FOR WEB-BASED INFORMATION GOODS

MINITRACK INTRODUCTION

Introduction to Market Structures and Business Models for Web-based Information Goods Minitrack	2393
<i>A. Hochstein, J. Wang, A. Schwinn</i>	
Can a P2P File-Sharing Network Become an e-Marketplace?	2394
<i>Fu-Ren Lin, Hau-Ming Lo, Cong-Ren Wang</i>	
Free-Riding and Competition in Network Markets for Digital Goods	2404
<i>Andreas U. Schmidt</i>	

Pricing Product Lines of Digital Content: A Model Using Online Choice Experiment	2414
<i>P. K. Kannan, Barbara Kline Pope, Ai-Mei Chang</i>	
E-Business Tools for Active Credit Risk Management - A Market Analysis	2423
<i>Simone Westerfeld, Hans-Dieter Zimmermann</i>	
Critical Assumptions in Superdistribution Based Business Models - Empirical Evidence from the User Perspective	2433
<i>Sophie Ahrens, Thomas Hess, Tanja Pfister, Behrend Freese</i>	

OPEN MOVEMENTS: OPEN SOURCE SOFTWARE AND OPEN CONTENT

MINITRACK INTRODUCTION

Introduction to Open Movements: Open Source Software and Open Content Minitrack	2440
<i>K. Crowston, H. Annabi</i>	
On the Inequality of Contributions to Wikipedia	2441
<i>Felipe Ortega, Jesus M. Gonzalez-Barahona, Gregorio Robles</i>	
An Exploratory Study on the Evolution of OSS Developer Communities	2448
<i>Kawin Ngamkajornwivat, Dongsong Zhang, A. Günes Koru, Lina Zhou, Robert Nolker</i>	
Shared Mental Models among Open Source Software Developers	2458
<i>Barbara Scozzi, Kevin Crowston, U. Yeliz Eseryel, Qing Li</i>	

STANDARDS AND STANDARDIZATION

MINITRACK INTRODUCTION

Introduction to the Standards and Standardization Minitrack	2468
<i>J. West, K. Lyytinen, T. Weitzel</i>	
Exploring the Suitability of IS Security Management Standards for SMEs	2469
<i>Yves Barlette, Vladislav V. Fomin</i>	
The Impact of Direct and Indirect Network Effects on the Diffusion of Communication Standards	2479
<i>Roman Beck, Daniel Beimborn</i>	
Do Firm R&D Investments Drive Decisions to Join? On the Value of Standard-Setting Organizations in the Consumer Electronics Industry	2489
<i>Alok Gupta, Robert J. Kauffman, Amy Ping Wu</i>	

TECHNOLOGY AND STRATEGIES FOR SERVICE-ORIENTED ARCHITECTURES

MINITRACK INTRODUCTION

Introduction to Technology and Strategies for Service-oriented Architectures Minitrack	2499
<i>W. Haseaman, M.N. Haines, F. Armour</i>	
An Operational Framework for Service Oriented Architecture Network Security	2500
<i>Robert Bunge, Sam Chung, Barbara Endicott-Popovsky, Don McLane</i>	
Semantic Web Services Monitoring: An OWL-S Based Approach	2509
<i>Roman Vaculín, Katia Sycara</i>	

Where to Start with SOA: Criteria for Selecting SOA Projects	2519
<i>Thorsten Hau, Nico Ebert, Axel Hochstein, Walter Brenner</i>	
Service Oriented Architecture: Challenges for Business and Academia.....	2528
<i>Amelia Maurizio, James Sager, Peter Jones, Gail Corbitt, Louis Girolami</i>	
Software Architectural Reuse Issues in Service-Oriented Architectures.....	2536
<i>Julie Street, Hassan Gomaa</i>	

VALUE WEBS IN THE SERVICE ECONOMY

MINITRACK INTRODUCTION

Introduction to Value Webs in the Service Economy Minitrack	2545
<i>H. Krmar, K. Lyytinen, J.M. Leimeister</i>	
e³service: An Ontological Approach for Deriving Multi-Supplier IT-Service Bundles from Consumer Needs.....	2546
<i>Sybren de Kinderen, Jaap Gordijn</i>	
The 8C Framework as a Reference Model for Collaborative Value Webs in the Context of Web 2.0.....	2556
<i>T. Andrew Yang, Dan J. Kim, Vishal Dhalwani, Tri K. Vu</i>	
The Role and Emerging Landscape of Data Pools in the Retail and Consumer Goods Industries	2566
<i>Jan Schemm, Christine Legner</i>	

VIRTUAL COMMUNITIES

MINITRACK INTRODUCTION

Introduction to Virtual Communities Minitrack	2576
<i>K. Barzilai-Nahon, C. Haythornthwaite</i>	
Leveraging a Wiki to Enhance Virtual Collaboration in the Emergency Domain.....	2577
<i>Connie White, Linda Plotnick, Ronja Addams-Moring, Murray Turoff, Starr Roxanne Hiltz</i>	
Social Network Structure as a Critical Success Condition for Virtual Communities.....	2587
<i>David Hinds, Ronald M. Lee</i>	
Virtual Teams and Development: A Language Games Perspective	2597
<i>Sajda Qureshi, Anne-Laure Fayard</i>	

Influence of Sense of Presence on Intention to Participate in a Virtual Community	2607
<i>Yoonhyuk Jung</i>	

KNOWLEDGE MANAGEMENT SYSTEMS TRACK

TRACK INTRODUCTION

Introduction to Knowledge Management Systems Track	2617
<i>M. Jennex, D. Croasdell</i>	

KNOWLEDGE MANAGEMENT IMPLEMENTATION AND OTHER ISSUES

MINITRACK INTRODUCTION

Introduction to Knowledge Management Implementation and Other Issues Minitrack	2618
<i>D. Croasdell, P. Baloh</i>	

A Proposal for Examining Factors Leading to Knowledge Equity	2619
<i>Dave Croasdell, Vicki McKinney, Mike Allen, Nancy Burrell</i>	

Knowledge Management for Healthcare Organizations: Comparing Strategies with Technical Support	2626
<i>Biswadip Ghosh, Judy E. Scott</i>	

Managing Mathematical Texts with OWL and Their Graphical Representation	2636
<i>Sabina Jeschke, Marc Wilke, Nicole Natho, Olivier Pfeiffer</i>	

Relative Importance of Knowledge Portal Functionalities: A Contingent Approach on Knowledge Portal Design for R&D Teams	2642
<i>Hong Joo Lee, Jong Woo Kim, Joon Koh, Yunhee Lee</i>	

Knowledge Management in Renewing Software Development Processes	2652
<i>Marianne Kukko, Nina Helander, Pasi Virtanen</i>	

Gathering Experience Knowledge from Iterative Software Development Processes	2661
<i>Jouni K. Kokkonen</i>	

KNOWLEDGE FLOWS: KNOWLEDGE TRANSFER, SHARING AND EXCHANGE IN ORGANIZATIONS

MINITRACK INTRODUCTION

Introduction to Knowledge Flows: Knowledge Transfer and Sharing and Exchange in Organizations Minitrack	2671
<i>K.D. Joshi, M.E. Nissen, S. Sarker</i>	

Using Agent Based Simulation and Game Theory Analysis to Study Information Sharing in Organizations - The InfoScape	2672
<i>Richard Jolly, Wayne Wakeland</i>	

Systems Theory and Knowledge Management Systems: The Case of Pratt-Whitney Rocketdyne	2680
<i>Mark Chun, Kiho Sohn, Priscilla Arling, Nelson F. Granados</i>	

Formal Boundary Spanning and Informal Boundary Spanning in Cross-Border Knowledge Sharing: A Case Study	2690
<i>Yongsuk Kim, Sirkka L. Jarvenpaa</i>	

Individual Learning and Performance in Communities of Practice	2700
<i>Zeying Wan, Yulin Fang, Derrick J. Neufeld</i>	
Viewing Boundary ‘Objects’ as Boundary Constructions	2711
<i>W. David Holford, Mehran Ebrahimi, Omar Aktouf, Laurent Simon</i>	
An Empirical Investigation of Knowledge Creation in Electronic Networks of Practice: Social Capital and Theory of Planned Behavior (TPB)	2722
<i>Shih-Wei Chou, Yu-Chieh Chang</i>	
Work Design in Knowledge-Based Network Organizations: Facilitating Supply Chain Knowledge Flows via Network Entrepreneurship	2732
<i>Xun Li, Clyde W. Holsapple</i>	
An Exploratory Examination of Knowledge Sharing Behaviors: Voluntary vs. Solicited	2743
<i>Seokwoo Song, James T. C. Teng</i>	
Adaption-Innovation Theory and Cognitive Diversity: The Impact on Knowledge Use within Organizations	2753
<i>Michael A. Chilton, James M. Bloodgood</i>	
Knowledge Conversion in GSS-Aided Virtual Teams: An Empirical Study	2762
<i>Imad Samarah, Souren Paul, Suresh Tadisina</i>	
The Value of Weak vs. Strong Ties between Individuals and Projects for New Product Review	2772
<i>Lynne P. Cooper</i>	
ICT Perceptions and Meanings: Implications for Knowledge Transfer	2782
<i>Anne P. Massey, Taylor M. Wells</i>	

KNOWLEDGE MANAGEMENT FOR CREATIVITY AND INNOVATION

MINITRACK INTRODUCTION

Introduction to Knowledge Management for Creativity and Innovation Minitrack	2792
<i>H. Benbya, L.P. Cooper, N. Belbaly</i>	
A Framework For The Co-Design of Business and IT Systems	2793
<i>Susan Gasson</i>	
How IT Supports Knowledge Discovery and Learning Processes on the Web	2803
<i>Tracy A. Jenkin</i>	
N² Heads are Better than One: Collaborative Learning and Utilizing an Integrated Knowledge Repository and Facilitated Through a Massively Multiplayer Online Gaming (MMOG) Paradigm	2813
<i>David J. Lubliner, George Widmeyer</i>	
Supporting Strategic Innovativeness: Scenario Planning for Driving Organizational Knowledge Sharing	2823
<i>Kalle Piirainen, Hannu Kivijärvi, Markku Tuominen</i>	
The Impact of Virtual Technologies on Organizational Knowledge Creation: An Empirical Study	2833
<i>A. Vaccaro, F. Veloso, S. Brusoni</i>	
Eliciting and Validating Knowledge in Knowledge Management Systems	2843
<i>Hind Benbya, Marshall W. Van Alstyne</i>	

KNOWLEDGE MANAGEMENT/ORGANIZATIONAL MEMORY SUCCESS AND PERFORMANCE MEASUREMENTS

MINITRACK INTRODUCTION

Introduction to Knowledge Management/Organizational Memory Success and Performance Measurements Minitrack	2853
<i>S. Smolnik, M.E. Jennex</i>	
How Knowledge Map and Personalization Affect Effectiveness of KMS in High-Tech Firms	2854
<i>Jung-Yu Lai, Chao-Te Wang, Chun-Yi Chou</i>	
KMS Quality- Impact on Competitive Advantage	2864
<i>Nassim Belbaly</i>	
Exploring the Relationships Among Individual Knowledge Management Outcomes	2874
<i>Shahnawaz Muhammed, William J. Doll, Xiaodong Deng</i>	
Does Knowledge Management Pay Off?	2884
<i>Clyde W. Holsapple, Jiming Wu</i>	
Elaboration Likelihood in Knowledge Management: A Model and Experimental Test	2892
<i>Kelly J. Fadel, Alexandra Durcikova, Hoon S. Cha</i>	
Towards Measuring Knowledge Management Success	2902
<i>Murray E. Jennex, Stefan Smolnik, David Croasdell</i>	

KNOWLEDGE MODELING

A Value Network Model for Strategic Analysis	2910
<i>Alain Biem, Nathan Caswell</i>	

SUPPORTING DISTRIBUTED COGNITION IN KNOWLEDGE MANAGEMENT SYSTEMS

MINITRACK INTRODUCTION

Introduction to Supporting Distributed Cognition in Knowledge Management Systems Minitrack	2917
<i>S. Gasson, J. Waters</i>	
An Information Ecology Structured by a Nexus between Accreditation and Practice: Boundary Objects and Brokers and Translation across the Boundaries of Standards Compliance and Practice-Oriented Work	2918
<i>Jo-Anne Kelder, Paul Turner</i>	
A Collaborative Dimensions Framework: Understanding the Mediating Role of Conceptual Visualizations in Collaborative Knowledge Work	2928
<i>Sabrina Bresciani, Alan F. Blackwell, Martin Eppler</i>	
A Conceptual Framework of Transactive Networks System	2938
<i>Sheng-Cheng Lin, Yu-Min Wang, Daniel Y. Shee</i>	
Social Network Behavior and Thought-Leaders and Knowledge Building in an Online Learning Community	2948
<i>Jim Waters</i>	

TECHNOLOGICAL ASPECTS OF KM

MINITRACK INTRODUCTION

Introduction to Technical Aspects of KM Minitrack	2958
<i>R. Orwig, D. Hall, J. Courtney</i>	
Designing Multifunctional Knowledge Management Systems	2959
<i>Rosina Weber, Sidath Gunawardena</i>	
Knowledge Analysis with Tree Patterns	2968
<i>Fedja Hadzic, Tharam S. Dillon, Elizabeth Chang</i>	

ORGANIZATIONAL SYSTEMS AND TECHNOLOGY TRACK

TRACK INTRODUCTION

Introduction to the Organizational Systems and Technology Track	2978
<i>H.J. Watson</i>	

BUSINESS PROCESSES MANAGEMENT (BPM)

MINITRACK INTRODUCTION

Introduction to Business Processes Management Minitrack	2979
<i>O. Marjanovic</i>	
Service Process Innovation: A Case Study of BPMN in Practice	2980
<i>Michael zur Muehlen, Danny T. Ho</i>	
Understanding Knowledge-Intensive and Practice-Oriented Business Processes	2990
<i>Olivera Marjanovic, Ravi Seethamraju</i>	
Organizational Readiness for Business Process Outsourcing: A Model of Determinants and Impact on Outsourcing Success	3000
<i>Sebastian F. Martin, Daniel Beimborn, Mihir A. Parikh, Tim Weitzel</i>	
Modes of Governance in Business Process Outsourcing: Executive versus Market's Perspective	3010
<i>Andreas Mattig</i>	
Exploring Process-Modelling Practice: Towards a Conceptual Model	3020
<i>Tom R. Eikebrokk, Jon Iden, Dag H. Olsen, Andreas L. Opdahl</i>	
Integration of an Ontological Information Security Concept in Risk Aware Business Process Management	3027
<i>Gernot Goluch, Andreas Ekelhart, Stefan Fenz, Stefan Jakoubi, Simon Tjoa, Thomas Mück</i>	
A Survey on the Flexibility Requirements Related to Business Processes and Modeling Artifacts	3036
<i>Selmin Nurcan</i>	

Enabling On-the-Fly Business Process Composition through an Event-Based Approach	3046
<i>Nancy Alexopoulou, Mara Nikolaidou, Yannis Chamodrakas, Drakoulis Martakos</i>	

COMPETITIVE STRATEGY, ECONOMICS AND IS

MINITRACK INTRODUCTION

Introduction to Competitive Strategy and Economics and IS Minitrack.....	3056
<i>E.K. Clemons, R.M. Dewan, R.J. Kauffman</i>	
Should Online Auctions Employ Dynamic Buyout Pricing Models?	3057
<i>Roumen Vragov, Di Shang, Karl R. Lang</i>	
A Discriminatory Pay-as-Bid Mechanism for Efficient Scheduling in the Sun N1 Grid Engine.....	3067
<i>Jochen Stößer, Philipp Bodenbenner, Simon See, Dirk Neumann</i>	
The Evolution of the Peer-to-Peer File Sharing Industry and the Security Risks for Users	3077
<i>M. Eric Johnson, Dan McGuire, Nicholas D. Willey</i>	
Resonance Marketing in the Age of the Truly Informed Consumer: Changes in Corporate Strategy Resulting from Changes in Customer Behavior.....	3087
<i>Eric K. Clemons</i>	
Development and Validation of Scales to Measure the Strategic Potential of IT-Enabled Resources: A Resource-Based Approach	3097
<i>Saggi Nevo, Michael R. Wade</i>	
Partnerships between Software Firms: Is There Value from Complementarities?	3107
<i>Lucia S. Gao, Bala Iyer</i>	
Guidelines for Setting Organizational Policies for Data Quality	3118
<i>Rajiv Dewan, Veda Storey</i>	
The Deterrent and Displacement Effects of Information Security Enforcement: International Evidence.....	3128
<i>Ivan P. L. Png, Chen-Yu Wang, Qiu-Hong Wang</i>	
The Emerging Role of Vertical Search Engines in Travel Distribution: A Newly-Vulnerable Electronic Markets Perspective	3138
<i>Nelson F. Granados, Robert J. Kauffman, Bradley King</i>	
Information Technology and the Number of Suppliers in a Supply Chain: Is there a Relationship?	3148
<i>Jason Dedrick, Sean Xin Xu, Kevin Zhu</i>	

DATA WAREHOUSING AND BUSINESS INTELLIGENCE

MINITRACK INTRODUCTION

Introduction to Data Warehousing and Business Intelligence Minitrack	3158
<i>H.J. Watson, R. Winter, B.H. Wixom</i>	
Process Orientation of Information Logistics - An Empirical Analysis to Assess Benefits and Design Factors and Realization Approaches	3159
<i>Tobias Bucher, Barbara Dinter</i>	
Measuring Data Believability: A Provenance Approach	3169
<i>Nicolas Prat, Stuart Madnick</i>	

From Federated Databases to a Federated Data Warehouse System	3179
<i>Stefan Berger, Michael Schrefl</i>	

ENTERPRISES ARCHITECTURE: CHALLENGES AND IMPLEMENTATIONS

MINITRACK INTRODUCTION

Introduction to Enterprise Architecture: Challenges and Implementations Minitrack	3189
<i>F. Armour, S. Kaisler, J. Bitner</i>	
Processes for Enterprise Application Architecture Management	3190
<i>Martin Hafner, Robert Winter</i>	
A Consolidated Strategic Business and IT Alignment Representation: A Framework Aggregated from Literature	3200
<i>Norman Vargas, Leonel Plazaola, Mathias Ekstedt</i>	
Strategic Business and IT Alignment Assessment: A Case Study Applying an Enterprise Architecture-Based Metamodel	3210
<i>Leonel Plazaola, Johnny Flores, Norman Vargas, Mathias Ekstedt</i>	
Enterprise Information System Engineering: A Model-Based Approach Based on the Zachman Framework	3220
<i>Mara Nikolaidou, Nancy Alexopoulou</i>	
Geographically Distributed Enterprise Architecting: Towards a Theoretical Framework	3230
<i>J. Alberto Espinosa, Frank Armour</i>	

ERP/EAI SYSTEM ISSUES AND ANSWERS

A Methodological Proposal to Assess the Feasibility of ERP Systems Implementation Strategies	3240
<i>Pierluigi Rippa, Guido Capaldo</i>	
Enterprise Information Systems and Strategic Flexibility	3250
<i>William MacKinnon, Gerald Grant, David Cray</i>	
Stock Price Reactions to Investments in EAI and ERP: A Comparative Event Study	3259
<i>Narczyz Roztocky, Heinz Roland Weistroffer</i>	

IMPLEMENTATION AND USAGE OF RADIO FREQUENCY IDENTIFICATION (RFID)

MINITRACK INTRODUCTION

Introduction to Implementation and Usage of Radio Frequency Identification (RFID) Minitrack	3267
<i>F.J. Riggins, B.C. Hardgrave</i>	
A Cross-Cultural Comparison of Perceived Strategic Importance of RFID for CIOs in Germany and Italy	3268
<i>Stefanie Jahner, Jan Marco Leimeister, Uta Knebel, Helmut Krcmar</i>	
Hybrid RFID-GPS Real-Time Location System for Human Resources: Development and Impacts and Perspectives	3278
<i>Manon G. Guillemette, Isabelle Fontaine, Claude Caron</i>	

Strategic and Institutional Perspectives in the Evaluation and Adoption and Early Integration of Radio Frequency Identification (RFID): An Empirical Investigation of Current and Potential Adopters	3288
<i>Aditya Sharma, Dominic Thomas, Benn Konsynski</i>	

INFORMATION TECHNOLOGY FOR DEVELOPMENT

MINITRACK INTRODUCTION

Introduction to Information Technology for Development Minitrack.....	3298
<i>S. Qureshi, P. Wolcott, M. Sein</i>	
Sustainability of Information Technology Therapy on Micro-Enterprise Development.....	3299
<i>Sajda Qureshi, Mehruz Kamal, Peter Wolcott</i>	
A Growth-Theoretic Empirical Analysis of Simultaneity in Cross-National E-Commerce Development	3309
<i>Shu-Chun Ho, Robert J. Kauffman, Ting-Peng Liang</i>	
E-Government Challenges and the Role of Political Leadership in Indonesia: The Case of Sragen.....	3319
<i>Bjørn Furuholt, Fathul Wahid</i>	
On the Company We Keep: Combined Scale-and-Scope Externalities in the Growth of IT Industry Co-Agglomerations.....	3329
<i>Robert J. Kauffman, Ajay Kumar</i>	
Exploring e-Commerce Readiness in China: The Case of the Grocery Industry.....	3339
<i>Sherah Kurnia</i>	

INNOVATION AND INNOVATION MANAGEMENT

MINITRACK INTRODUCTION

Introduction to Innovation and Innovation Management Minitrack.....	3349
<i>D. Narasimhalu, M. Torkkeli</i>	
Innovation Position: A Quantitative Analysis to Evaluate the Efficiency of Research & Development on the Basis of Patent Data.....	3350
<i>Katsuhiro Suzuki, Junichi Sakata, Jun Hosoya</i>	
Protecting Service Innovations Against Imitation - The Case of Mobile TV.....	3360
<i>Pia Hurmelinna-Laukkanen, Paavo Ritala, Kirsimarja Blomqvist, Kaisa Henttonen</i>	
Leveraging the Wisdom of Crowds: Designing an IT-Supported Ideas Competition for an ERP Software Company	3370
<i>Winfried Ebner, Marco Leimeister, Ulrich Bretschneider, Helmut Krcmar</i>	
Communicative Incentives in Consumer Innovation Brokering.....	3380
<i>Mikko Järvillehto, Kari Leppälä, Jouni Similä</i>	
Enterprise Adoption of ICT Innovations: Multi-Disciplinary Literature Analysis and Future Research Opportunities	3390
<i>Rahul C. Basole</i>	

IT AND PROJECT MANAGEMENT

MINITRACK INTRODUCTION

Introduction to IT and Project Management Minitrack as Part of OS and Organizational Systems and Technology Track	3400
<i>J. Weiss, S. Newell, J. Swan</i>	
The Factors That Affect the Implementation Success of IS	3401
<i>Shih-Wei Chou, Mong-Young He, Pi-Yi Chen</i>	
Corporate User Representatives and the Dialectics of Enterprise Systems: A Quest for Social Actors with Political Skill	3411
<i>Stig Nordheim</i>	
Building Trust and Cooperation through Technology Adaptation in Virtual Teams: Empirical Field Evidence	3421
<i>Dominic M. Thomas, Robert P. Bostrom</i>	
360-Degree Strategic Leadership Team Alignment: Profile of an Intervention Program	3431
<i>Joseph W. Weiss, John Shenette</i>	
Deal or No Deal? Vendor Issues in Two Multi-Organization Pilot Test Projects	3441
<i>Janis L. Gogan, Ashok Rao</i>	

IT GOVERNANCE AND ITS MECHANISMS

MINITRACK INTRODUCTION

Introduction to IT Governance and its Mechanisms Minitrack	3451
<i>Wim Van Grembergen</i>	
Determinants of CIO Compensation Structure and its Impact on Firm Performance	3452
<i>Ali A. Yayla, Qing Hu</i>	
Analysing the Relationship Between IT Governance and Business/IT Alignment Maturity	3462
<i>Steven De Haes, Wim Van Grembergen</i>	
IT Business Alignment as Governance Tool for Firm-Internal Relationship Quality: A Longitudinal Case Study	3472
<i>Heinz-Theo Wagner, Tim Weitzel</i>	
Evasive Maneuvers and Guerilla Tactics: A Scandinavian Institutional Perspective on Chief Information Officer's Strategies for Legitimization	3482
<i>Johan Magnusson, Bo Oskarsson</i>	
The IT Organization Modeling and Assessment Tool: Correlating IT Governance Maturity with the Effect of IT	3492
<i>Mårten Simonsson, Pontus Johnson</i>	
Decision Support Framework for the Implementation of IT-Governance	3502
<i>K. Fink, C. Ploder</i>	
A Study of the Causal Relationship Between IT Governance Inhibitors and its Success in Korea Enterprises	3512
<i>Chi-Hoon Lee, Jung-Hoon Lee, Jong-Sung Park, Kap-Young Jeong</i>	
Business and IT Governance Alignment Simulation Essay on a Business Process and IT Service Model	3523
<i>Enrique Silva Molina, Yves Chaix</i>	

Making the Most of IT Governance Software: Understanding Implementation Processes	3534
<i>Hauke Heier, Hans P. Borgman, Thomas H. Hofbauer</i>	
IT Offshoring Risks and Governance Capabilities	3545
<i>Akemi Takeoka Chatfield, Padmaharsha Wanninayaka</i>	
Building Inter-Organizational Cooperative Network for IT Collaboration	3554
<i>Lauri A. T. Salmivalli, Hannu Salmela, Timo Kestilä</i>	
Relational Risk Mitigation: The Relationship Approach to Mitigating Risks in Business Process Outsourcing.....	3562
<i>Kim Wüllenweber, Stefanie Jahner, Helmut Krcmar</i>	

RESEARCH METHODS AND APPLICATIONS

MINITRACK INTRODUCTION

Introduction to Research Methods and Applications Minitrack	3572
<i>S. Qureshi, D. Vogel, K. Ward</i>	
Exploring the Semantic Validity of Questionnaire Scales	3573
<i>Kai R. Larsen, Dorit Nevo, Eliot Rich</i>	
Examining the "Urban Legend" of Common Method Bias: Nine Common Errors and Their Impact.....	3583
<i>Andrew Schwarz, Colleen Schwarz, Tracey Rizzuto</i>	
Conducting Qualitative Research in an International and Distributed Research Team: Challenges and Lessons Learned	3593
<i>Rafael Prikladnicki, Roberto Evaristo, Daniela Damian, Jorge Luis N. Audy</i>	

SOCIAL ISSUES ORGANIZATIONS

MINITRACK INTRODUCTION

Introduction to Social Issues in Organizations Minitrack.....	3603
<i>D.L. Amoroso, M. Knight</i>	
Too Many Cooks Spoiling a Soup'? Making Sense of a Distributed and Multi-Party IS Project	3604
<i>Riitta Hekkala, Netta Iivari, Raija Halonen</i>	
The Impact of Conflict and Conflict Management Style on Deadbeats and Deserters in Virtual Teams	3614
<i>Kimberly Furumo</i>	
Understanding the Relationship between Justice and Team Goal Commitment in Virtual Project Teams: An Empirical Investigation.....	3624
<i>Eric T. K. Lim, Yu-Ting Caisy Hung</i>	
Information Technology Adoption by Small Businesses in Minority and Ethnic Communities.....	3634
<i>Sajda Qureshi, Anne S. York</i>	
Personality and Technology Acceptance: Personal Innovativeness in IT and Openness and Resistance to Change	3644
<i>Oded Nov, Chen Ye</i>	

The Influence of Instant Messaging Usage Behavior on Organizational Communication Satisfaction	3653
<i>Shih-Ming Pi, Yi-Chih Liu, Tsang-Yao Chen, Shih-Hua Li</i>	

THEORETICAL APPROACHES TO IS RESEARCH

MINITRACK INTRODUCTION

Introduction to Theoretical Approaches to IS Research Minitrack	3662
<i>S.L. Schneberger, M.R. Wade</i>	
A Meta-Theory for Understanding IS in Socio-Technical Systems	3663
<i>Dominic M. Thomas, Saurabh Gupta, Robert P. Bostrom</i>	
Information System Development: A Categorical Analysis of User Participation Approaches	3673
<i>Angela Mattia, Heinz Roland Weistroffer</i>	

TOPICS IN ORGANIZATIONAL SYSTEMS AND TECHNOLOGY

MINITRACK INTRODUCTION

Introduction to Topics in Organizational Systems & Technology Minitrack	3683
<i>K. Rainer, M. Frolick</i>	
Information Security Cultures of Four Professions: A Comparative Study	3684
<i>Sriraman Ramachandran, Srinivasan V. Rao, Tim Goles</i>	
Information Technology Skill Management: A Systems Dynamics Approach	3694
<i>Jae Choi, Derek L. Nazareth, Hemant K. Jain</i>	
IT-Benefits-Management in the Swiss Financial Sector	3704
<i>Gerhard Schwabe, Pascal Bänninger</i>	
Simplified Use Case Driven Approach (SUCADA) for Conversion of Legacy System to COTS Package	3714
<i>Jose D. Montero, YongSeog Kim, Jeff Johnson</i>	

SOFTWARE TECHNOLOGY TRACK

TRACK INTRODUCTION

Introduction to the Software Technology Track	3724
<i>R. Kazman, G. Agha</i>	

AGILE SOFTWARE DEVELOPMENT: LEAN, DISTRIBUTED AND SCALABLE

MINITRACK INTRODUCTION

Introduction to Agile Software Development: Lean and Distributed and Scalable Minitrack	3725
<i>J. Sutherland, H. Smits</i>	

Bridge Methods: Complementary Steps Integrating Agile Development Tools & Methods with Formal Process Methodologies	3726
<i>Stephen J. Cohen, William H. Money</i>	
Rolling out Agile in a Large Enterprise	3736
<i>Gabrielle Benefield</i>	
Great Scrums Need Great Product Owners: Unbounded Collaboration and Collective Product Ownership	3746
<i>Ken H. Judy, Ilio Krumins-Beens</i>	
Effects of Agile Methods on Website Quality for Electronic Commerce	3756
<i>David F. Rico</i>	
A Case Study: Introducing eXtreme Programming in a US Government System Development Project	3765
<i>Ann Fruhling, Patrick McDonald, Christopher Dunbar</i>	
Retrofitting Cyber Physical Systems for Survivability through External Coordination	3775
<i>Kun Xiao, Shangping Ren, Kevin Kwiat</i>	
Scrum and CMMI Level 5: The Magic Potion for Code Warriors	3784
<i>Jeff Sutherland, Carsten Ruseng Jakobsen, Kent Johnson</i>	

ALGORITHMIC CHALLENGES IN EMERGING APPLICATIONS OF COMPUTING

MINITRACK INTRODUCTION

Introduction to Algorithmic Challenges in Emerging Applications of Computing Minitrack	3793
<i>L. Morales, W. Bein</i>	
Bounding Prefix Transposition Distance for Strings and Permutations	3794
<i>Bhadrachalam Chitturi, I. Hal Sudborough</i>	
Finding a Minimum-Sum Dipolar Spanning Tree in R^3	3803
<i>Steven Bitner, Ovidiu Daescu</i>	
How Many Attackers Can Selfish Defenders Catch?	3809
<i>Marios Mavronicolas, Burkhard Monien, Vicky G. Papadopoulou</i>	

CERT SOFTWARE APPLICATION SECURITY

MINITRACK INTRODUCTION

Introduction to the CERT Software Application Security Minitrack	3819
<i>R.C. Seacord, J. Rafail, D. Plakosh</i>	
Building a Test Suite for Web Application Scanners	3820
<i>Elizabeth Fong, Romain Gaucher, Vadim Okun, Paul E. Black, Eric Dalci</i>	
Privacy-Preserving 1-n-p Negotiation Protocol	3828
<i>Sumit Chakraborty, Sushil Sharma, Asim Kumar Pal</i>	

DIGITAL FORENSICS- PEDAGOGY AND FOUNDATIONAL RESEARCH ACTIVITY

MINITRACK INTRODUCTION

Introduction to Digital Forensics- Pedagogy and Foundational Research Activity Minitrack	3838
<i>R. Vaughn, D. Dampier</i>	
Pedagogy and Overview of a Graduate Program in Digital Investigation Management	3839
<i>Gary C. Kessler, Don Haggerty</i>	
STEALing Lab Support in Digital Forensics Education	3849
<i>Timothy M. Vidas, David A. Branch, Alex Nicoll</i>	
Overcoming Impediments to Cell Phone Forensics	3858
<i>Wayne Jansen, Aurélien Delaitre, Ludovic Moenner</i>	
Skype Fingerprint	3867
<i>Ronald C. Dodge Jr.</i>	
Using FPGAs to Parallelize Dictionary Attacks for Password Cracking	3873
<i>Yoginder S. Dandass</i>	
E-Crime Investigative Technologies	3881
<i>Sudhir Aggarwal, Zhenhai Duan, Leo Kermes, Breno de Medeiros</i>	
Of Paper Trails and Voter Receipts	3891
<i>Alec Yasinsac, Matt Bishop</i>	

ENTERPRISE MODELING FOR INFORMATION SYSTEMS DEVELOPMENT

MINITRACK INTRODUCTION

Introduction to Enterprise Modeling for Information Systems Development Minitrack	3899
<i>S. de Cesare, M. Lycett, A. Serrano</i>	
Towards a Belief-Theoretic Model for Collaborative Conceptual Model Development	3900
<i>Ebrahim Bagheri, Ali A. Ghorbani</i>	
Enterprise Modeling for Information System Development within MDA	3910
<i>Janis Osis, Erika Asnina</i>	
Multi-Perspective Assessment of Scalability of IT-Enabled Networked Constellations	3921
<i>Zsófia Derzsi, Jaap Gordijn, Koen Kok</i>	

WIRELESS SENSOR NETWORKS AND APPLICATIONS

MINITRACK INTRODUCTION

Introduction to the Wireless Sensor Networks and Applications Minitrack	3931
<i>E. Biagioni, S. Olariu</i>	
Distributed Medium Access Control with Flow-Based Priority for Cooperative Multi-Hop Wireless Sensor Networks	3932
<i>T. Owens Walker, Murali Tummala, John McEachen</i>	
Fault-Tolerant k-Fold Pivot Routing in Wireless Sensor Networks	3940
<i>Doina Bein</i>	

A Method for Fast Radio Frequency Direction Finding Using Wireless Sensor Networks	3947
<i>Mickey S. Batson, John C. McEachen, Murali Tummala</i>	
Performance of a Wireless Unattended Sensor Network in a Freshwater Environment	3956
<i>John C. McEachen, Juan Casias</i>	
MONSOON: A Coevolutionary Multiobjective Adaptation Framework for Dynamic Wireless Sensor Networks	3966
<i>Pruet Boonma, Junichi Suzuki</i>	
Macroprogramming Spatio-Temporal Event Detection and Data Collection in Wireless Sensor Networks: An Implementation and Evaluation Study	3976
<i>Hiroshi Wada, Pruet Boonma, Junichi Suzuki</i>	
Author Index	