

Contents

Morally Successful IT Projects Tero Vartiainen and Maritta Pirhonen.....	601
The Risks of User-Supplied Content Online Rónán Kennedy	611
Evaluating Online Human Rights Resource Centres John Lannon	621
‘Calling Passengers’ - An Ethical Problem in the Design of Self-Service Web Sites Amongst Low-Cost Airlines in Ireland Chris Barry and Ann Torres	637
Counterfactuals and Hybrid Reasoning in an Ontology of Law Articles El Hassan Bezzazi	651
Holistic Project Management Guidelines for Information Systems Evaluation Lorraine Galvin.....	663
ORE: A Framework to Measure Organizational Risk During Information Systems Evolution Aditya Agrawal, Gavin Finnie and Padmanabhan Krishnan	675
Evaluating the Driving Factors and the Suppressing Factors Related to IS Outsourcing in Four Finnish Information Systems Organizations Pasi Juvonen	687
Strategic Dimensions of Software Development in a Supply Chain G.H. Kruithof and T.D. Meijler.....	699
Assessment Tools as Drivers for SPI: Short-Term Benefits and Long-Term Challenges Sune Dueholm Müller, Jacob Nørbjerg and Hiu Ngan Cho	709
Improving Organizational Performance by Raising the Level of Business Process Orientation Maturity: Empirical Test and Case Study Rok Škrinjar and Mojca Indihar Štemberger	723

The Information Systems Security Process: Through an Anthropological Lens	
Amanda Freeman, Larry Stapleton and Gabriel Byrne	741
Securing Systems Intelligently: The Logical Approach	
Brian Shields and Owen Molloy	753
Trust Ontology for Information Systems Development	
Kamaljit Kaur Bimrah, Haralambos Mouratidis and David Preston.....	767
Model Curriculum for a Bachelor of Science Program in Business Information Systems Design (BISD 2007): Organisational Impacts	
Sven Carlsson, Jonas Hedman and Odd Steen	781
Project Managers – Do They Need to Be Certified?	
Orla McHugh and Mairéad Hogan	795
SArt: Towards Innovation at the Intersection of Software Engineering and Art	
Anna Trifonova, Salah U. Ahmed and Letizia Jaccheri.....	809
Effects of Natural Language Complexity on Student Performance in Object-Oriented Domain Analysis	
Ke Li, Jenny Coady, Rob Pooley and Rick Dewar	829
Facilitating Experience and Re-experience: The Role of ‘Virtualisation’ in Information Systems Development Education	
Sean Duignan and Tony Hall.....	841
The Concept Map-Based Knowledge Assessment System with Reduction of Task Difficulty	
Alla Anohina, Egons Lavendelis and Janis Grundspenkis.....	853
The Complexity of an E-Learning System: A Paradigm for the Human Factor	
Adriana Schiopoiu Burlea	867
Specification for Designing Web-Based Training Courses and an Application Model Based on IT	
Michal Kuciapski.....	879
Enhancing Efficiency and Effectiveness of Online Asynchronous Support Using Case-Based Reasoning Within an Online Learning Environment	
Noel Carroll	889

Effort Estimation Using Social Choice Stefan Koch and Johann Mitloehner	901
Work Progress Estimation from Structured Requirements Specifications Christian Kop.....	909
Towards Ontology-Based MAS Methodologies: Ontology-Based Early Requirements G. Beydoun, A. K. Krishna, A. Ghose and G. C. Low	923
An Information System Quality Framework Based on Information System Architectures Thanh Thoa Pham Thi and Markus Helfert.....	937
On Finding Suitable Designs for Whole-Part Relationships in Object-Relational Databases Erki Eessaar	951
On the Problem of Semantic Loss in View Integration Peter Bellström	963
Object-Relational Database Design: Can Your Application Benefit from SQL:2003? George Feuerlicht, Jaroslav Pokorný and Karel Richta	975
CellStore: Educational and Experimental XML-Native DBMS Jaroslav Pokorný, Karel Richta and Michal Valenta	989
An Integrated System for Querying Medical Digital Collections Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, Cosmin Stoica Spahiu and Eugen Ganea.....	1001
Information Management Between Academic and Internet Communities Gábor Knapp and Tamás Rév.....	1015
Integrating Requirements Specifications and Web Services Using Cognitive Models Joe Geldart and William Song.....	1025
Semantic Service Description Framework for Addressing Imprecise Service Requirements Xiaofeng Du, William Song and Malcolm Munro.....	1033

Automatic Generation of Executable Code from Software Architecture Models	
Aristos Stavrou and George A. Papadopoulos	1047
Automating Software Processes	
Peter Killisperger, Georg Peters, Markus Stumptner and Beate Nothhelfer-Kolb.....	1059
Ontology Transformation to Conceptual Data Model Using Graph Formalism	
Justas Trinkunas and Olegas Vasilecas	1069
Definition Metamodel of ITIL	
Vjeran Strahonja	1081
An Approach for WSDL-Based Automated Robustness Testing of Web Services	
Samer Hanna and Malcolm Munro	1093
Events Propagation from the Business System Level into the Information System Level	
Diana Bugaite and Olegas Vasilecas	1105
An Evaluation of the State of the Art in Context-Aware Architectures	
Pyrros Bratskas, Nearchos Paspallis and George A. Papadopoulos.....	1117
The Development and Validation of Data Transformation Functions in Educational Assessment Data	
Phelim Murnion and Claire Lally.....	1129
Index	1141