

## Table of Contents

Polish E-Government at Local Level: Heavy Road to Citizens' Empowerment <i>Leszek Porebski</i>	1
Community Detection based on Structural and Attribute Similarities <i>The Anh Dang and Emmanuel Viennet</i>	7
The Evolution of the e-ID card in Belgium: Data Privacy and Multi-Application Usage <i>Alea Fairchild and Bruno de Vuyst</i>	13
Analyzing Social Roles using Enriched Social Network on On-Line Sub-Communities. <i>Mathilde Forestier, Julien Velcin, and Djamel A. Zighed</i>	17
Unique Domain-specific Identification for E-Government Applications <i>Peter Schartner</i>	23
Sociological Reflections on E-government <i>Maria Joao Simoes</i>	29
SSEDIC: Building a Thematic Network for European eID <i>Victoriano Giralt, Hugo Kerschot, and Jon Shamah</i>	35
Designing National Identity: An Organisational Perspective on Requirements for National Identity Management Systems <i>Adrian Rahaman and Martina Angela Sasse</i>	40
Towards the Automatic Management of Vaccination Process in Jordan <i>Edward Jaser and Islam Ahmad</i>	50
Three Dimensional Printing: An Introduction for Information Professionals <i>Julie Marcoux and Kenneth-Roy Bonin</i>	54
Unsupervised Personality Recognition for Social Network Sites <i>Fabio Celli</i>	59
Cellular Automata: Simulations Using Matlab <i>Stavros Athanassopoulos, Christos Kaklamanis, Gerasimos Kalfoutzos, and Evi Papaioannou</i>	63
Fast Polynomial Approximation Acceleration on the GPU <i>Lumir Janosek and Martin Nemeč</i>	69

Generating Context-aware Recommendations using Banking Data in a Mobile Recommender System <i>Daniel Gallego Vico, Gabriel Huecas, and Joaquin Salvachua Rodriguez</i>	73
Web Personalization; Implications and Challenges <i>Ahmad Kardan and Amirhossein Roshanzamir</i>	79
New Service Development Method for Prosumer Environments <i>Ramon Alcarria, Tomas Robles, Augusto Morales, and Sergio Gonzalez-Miranda</i>	86
Digital Investigations for Enterprise Information Architectures <i>Syed Naqvi, Gautier Dallons, and Christophe Ponsard</i>	92
Shadow IT - Management and Control of Unofficial IT <i>Christopher Rentrop and Stephan Zimmermann</i>	98
A Secure and Distributed Infrastructure for Health Record Access <i>Victoriano Giralt</i>	103
Active Mechanisms for Cloud Environments <i>Irina Astrova, Arne Koschel, Stella Gatzu Grivas, Marc Schaaf, Ilja Hellwich, Sven Kasten, Nedim Vaizovic, and Christoph Wiens</i>	109
Information Technology Planning For Collaborative Product Development Through Fuzzy QFD <i>Jbid Arsenyan and Gulcin Buyukozkan</i>	115
Indoor IEEE 802.11g Radio Coverage Study <i>Sandra Sendra, Laura Ferrando, Jaime Lloret, and Alejandro Canovas</i>	121
Security Issues of WiMAX Networks with High Altitude Platforms <i>Ilija Basicevic and Miroslav Popovic</i>	127
Alteration Method of Schedule Information on Public Cloud <i>Tatsuya Miyagami, Atsushi Kanai, Noriaki Saito, Shigeaki Tanimoto, and Hiroyuki Sato</i>	132
Identifying Potentially Useful Email Header Features for Email Spam Filtering <i>Omar Al-Jarrah, Ismail Khater, and Basheer Al-Duwairi</i>	140
Fault Tolerant Distributed Embedded Architecture and Verification <i>Chandrasekaran Subramaniam, Prasanna Vetrivel, Srinath Badri, and Sriram Badri</i>	146
Determining Authentication Strength for Smart Card-based Authentication Use Cases <i>Ramaswamy Chandramouli</i>	153