

Contents

Invited Paper

Integrating Retail and e-Commerce Using Web Analytics and Intelligent Sensors	3
<i>A.C. Boucouvalas, C. Aivalis, and K. Gatziolis</i>	

Data Communication Networking

High Level Policies in SDN	39
<i>Libor Polčák, Leo Caldarola, Amine Choukir, Davide Cuda, Marco Dondero, Domenico Ficara, Barbora Franková, Martin Holkovič, Roberto Muccifora, and Antonio Trifilo</i>	
What a Difference a Year Makes: Long Term Evaluation of TLS Cipher Suite Compatibility	58
<i>Stefan Prinz, Silvie Schmidt, Manuel Koschuch, Alexander Glaser, Taro Fruhwirth, and Matthias Hudler</i>	

e-Business

ARM: Architecture for Recruitment Matchmaking.	81
<i>Bruno Coelho, Fernando Costa, and Gil M. Gonçalves</i>	
Understanding Local mGovernment Applications: A Business Model Approach to the Case of Brussels	100
<i>Nils Walravens</i>	
Understanding the Use of Location Sharing Services on Social Networking Platforms in China	124
<i>Shang Gao and Xuemei Zhang</i>	
Large Scale Evaluation of an Adaptive E-Advertising User Model	137
<i>Alaa A. Qaffas and Alexandra I. Cristea</i>	

Optical Communication Systems

How Do the Multiple Tunable Receivers Per Node Affect the Efficiency of a WDM LAN? A Performance Analytical Study	161
<i>Peristera A. Baziana</i>	

Security and Cryptography

A Scalable HoneyNet Architecture for Industrial Control Systems	179
<i>Alexandru Vlad Serbanescu, Sebastian Obermeier, and Der-Yeuan Yu</i>	
Evaluating Op-Code Frequency Histograms in Malware and Third-Party Mobile Applications	201
<i>Gerardo Canfora, Francesco Mercaldo, and Corrado Aaron Visaggio</i>	
Automated Verification of e-Cash Protocols	223
<i>Jannik Dreier, Ali Kassem, and Pascal Lafourcade</i>	
Theoretical Foundation for Code Obfuscation Security: A Kolmogorov Complexity Approach	245
<i>Rabih Mohsen and Alexandre Miranda Pinto</i>	
The Entity Labeling Pattern for Modeling Operating Systems Access Control	270
<i>Peter Amthor</i>	
Execution Path Classification for Vulnerability Analysis and Detection	293
<i>George Stergiopoulos, Panagiotis Katsaros, and Dimitris Gritzalis</i>	
A Privacy-Sensitive Collaborative Approach to Business Process Development	318
<i>Hassaan Irshad, Basit Shafiq, Jaideep Vaidya, Muhammad Ahmed Bashir, Hafiz Salman Asif, Sameera Ghayyur, Shafay Shamail, and Adam Nabil</i>	
Using OWL Reasoning for Evaluating XACML Policies	343
<i>Fabio Marfia, Mario Arrigoni Neri, Filippo Pellegrini, and Marco Colombetti</i>	
Partial Key Exposure Attacks on RSA with Exponent Blinding	364
<i>Stelvio Cimato, Silvia Mella, and Ruggero Susella</i>	
A Generalized Authentication Scheme for Mobile Phones Using Gait Signals	386
<i>Huan Nguyen, Huy H. Nguyen, Thang Hoang, Deokjai Choi, and Thuc D. Nguyen</i>	

Signal Processing and Multimedia Applications

Signal Modelling for the Digital Reconstruction of Gramophone Noise	411
<i>Christoph F. Stallmann and Andries P. Engelbrecht</i>	

Beat Analysis of Dimensionality Reduced Perspective Streams from Electrocardiogram Signal Data	433
<i>Avi Bleiweiss</i>	
Traffic Signs Detection Using Tracking with Prediction	454
<i>Pavel Yakimov</i>	
A Passive Acoustic Technique to Enhance Lung Diseases Diagnostic	468
<i>Fatma Ayari, Ali Alouani, and Mekki Ksouri</i>	
Vessel Segmentation for Noisy CT Data with Quality Measure Based on Single-Point Contrast-to-Noise Ratio	490
<i>A. Nikonorov, A. Kolsanov, M. Petrov, Y. Yuzifovich, E. Prilepin, S. Chaplygin, P. Zelter, and K. Bychenkov</i>	
Wireless Information Networks and Systems	
Scheduling Strategies to Improve Reliability and Fairness for Priority Based Smart Rural Contention Based Applications Over Low-Cost Wireless Mesh Backbone Networks	511
<i>Sajid M. Sheikh, Riaan Wolluter, and Herman A. Engelbrecht</i>	
Author Index	533

E-Business and Telecommunications

12th International Joint Conference, ICETE 2015,

Colmar, France, July 20–22, 2015, Revised Selected

Papers

Obaidat, M.S.; Lorenz, P. (Eds.)

2016, XXIII, 534 p. 178 illus. in color., Softcover

ISBN: 978-3-319-30221-8