

Contents

Invited Paper

- Integrating Retail and e-Commerce Using Web Analytics and Intelligent Sensors 3
A.C. Boucouvalas, C. Aivalis, and K. Gatzliolis

Data Communication Networking

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

e-Business

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

Optical Communication Systems

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

Security and Cryptography

A Scalable HoneyNet Architecture for Industrial Control Systems 179
Alexandru Vlad Serbanescu, Sebastian Obermeier, and Der-Yeuan Yu

Evaluating Op-Code Frequency Histograms in Malware and Third-Party
 Mobile Applications 201
Gerardo Canfora, Francesco Mercaldo, and Corrado Aaron Visaggio

Automated Verification of e-Cash Protocols 223
Jannik Dreier, Ali Kassem, and Pascal Lafourcade

Theoretical Foundation for Code Obfuscation Security: A Kolmogorov
 Complexity Approach 245
Rabih Mohsen and Alexandre Miranda Pinto

The Entity Labeling Pattern for Modeling Operating Systems
 Access Control 270
Peter Amthor

Execution Path Classification for Vulnerability Analysis and Detection 293
George Stergiopoulos, Panagiotis Katsaros, and Dimitris Gritzalis

A Privacy-Sensitive Collaborative Approach to Business Process
 Development 318
*Hassaan Irshad, Basit Shafiq, Jaideep Vaidya,
 Muhammad Ahmed Bashir, Hafiz Salman Asif, Sameera Ghayyur,
 Shafay Shamail, and Adam Nabil*

Using OWL Reasoning for Evaluating XACML Policies 343
*Fabio Marfia, Mario Arrigoni Neri, Filippo Pellegrini,
 and Marco Colombetti*

Partial Key Exposure Attacks on RSA with Exponent Blinding 364
Stelvio Cimato, Silvia Mella, and Ruggero Susella

A Generalized Authentication Scheme for Mobile Phones Using Gait
 Signals 386
*Huan Nguyen, Huy H. Nguyen, Thang Hoang, Deokjai Choi,
 and Thuc D. Nguyen*

Signal Processing and Multimedia Applications

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

Beat Analysis of Dimensionality Reduced Perspective Streams from
 Electrocardiogram Signal Data 433
Avi Bleiweiss

Traffic Signs Detection Using Tracking with Prediction 454
Pavel Yakimov

A Passive Acoustic Technique to Enhance Lung Diseases Diagnostic 468
Fatma Ayari, Ali Alouani, and Mekki Ksouri

Vessel Segmentation for Noisy CT Data with Quality Measure Based on
 Single-Point Contrast-to-Noise Ratio 490
*A. Nikonorov, A. Kolsanov, M. Petrov, Y. Yuzifovich, E. Prilepin,
 S. Chaplygin, P. Zelter, and K. Bychenkov*

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
Sajid M. Sheikh, Riaan Wolhuter, and Herman A. Engelbrecht

Author Index 533



<http://www.springer.com/978-3-319-30221-8>

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