

Contents

Holistic Model for HTTP Botnet Detection Based on DNS Traffic Analysis	1
<i>Abdelraman Alenazi, Issa Traore, Karim Ganame, and Isaac Woungang</i>	
Detecting Broad Length Algorithmically Generated Domains	19
<i>Aashna Ahluwalia, Issa Traore, Karim Ganame, and Nainesh Agarwal</i>	
Secure Cloud Computing: Multithreaded Fully Homomorphic Encryption for Legal Metrology	35
<i>Alexander Oppermann, Artem Yurchenko, Marko Esche, and Jean-Pierre Seifert</i>	
Detecting Command and Control Channel of Botnets in Cloud	55
<i>Wei Lu, Mark Miller, and Ling Xue</i>	
An Experimental Framework for Investigating Security and Privacy of IoT Devices	63
<i>Ali Tekeoglu and Ali Şaman Tosun</i>	
Dynamic Cipher for Enhanced Cryptography and Communication for Internet of Things	84
<i>Paramjeet Cheema and Neeraj Julka</i>	
An Inter-device Authentication Scheme for Smart Homes Using One-Time-Password Over Infrared Channel.	95
<i>Maninder Singh Raniyal, Isaac Woungang, and Sanjay Kumar Dhurandher</i>	
Detection and Prevention of Blackhole Attacks in Wireless Sensor Networks.	118
<i>Gurjinder Kaur, V.K. Jain, and Yogesh Chaba</i>	
Detection of Online Fake News Using N-Gram Analysis and Machine Learning Techniques	127
<i>Hadeer Ahmed, Issa Traore, and Sherif Saad</i>	
Security Protocol of Social Payment Apps	139
<i>Jasmeen Saini</i>	
Spectral-Spatial Classification of Hyperspectral Imagery Using Support Vector and Fuzzy-MRF	151
<i>Sumit Chakravarty, Madhushri Banerjee, and Sonali Chandel</i>	

Infant Monitoring System Using Wearable Sensors Based on Blood Oxygen Saturation: A Review	162
<i>Pardeep Singh, Gurpreet Kaur, and Daljeet Kaur</i>	
Network Behavioral Analysis for Zero-Day Malware Detection – A Case Study	169
<i>Karim Ganame, Marc André Allaire, Ghassen Zagdene, and Oussama Boudar</i>	
Author Index	183

Intelligent, Secure, and Dependable Systems in
Distributed and Cloud Environments
First International Conference, ISDDC 2017, Vancouver,
BC, Canada, October 26-28, 2017, Proceedings
Traore, I.; Woungang, I.; Awad, A. (Eds.)
2017, XXII, 183 p. 68 illus., Softcover
ISBN: 978-3-319-69154-1