

# Table of Contents

## International Journal of Digital Crime and Forensics

Volume 11 • Issue 3 • July-September-2019 • ISSN: 1941-6210 • eISSN: 1941-6229

*An official publication of the Information Resources Management Association*

### Special Issue on Recent Advances in Cyber Security and Privacy for Cloud-of-Things

#### Guest Editorial Preface

- v Yassine Maleh, Hassan 1st University, Casablanca, Morocco  
Ghita Mezzour, International University of Rabat, Rabat, Morocco  
Marinella Petrocchi, Institute for Informatics and Telematics IIT, Pisa, Italy  
Abdelkrim Haqiq, Hassan 1st University, Casablanca, Morocco

#### Research Articles

- 1 **CloudIoT: Towards Seamless and Secure Integration of Cloud Computing With Internet of Things**  
Junaid Latief Shah, Sri Pratap College Cluster University Srinagar, Srinagar, India  
Heena Farooq Bhat, Department of Computer Science University of Kashmir, Srinagar, India  
Asif Iqbal Khan, Department of Computer Science University of Kashmir, Srinagar, India
- 23 **Big Data Analytics Platforms for Electric Vehicle Integration in Transport Oriented Smart Cities: Computing Platforms for Platforms for Electric Vehicle Integration in Smart Cities**  
Md Muzakkir Hussain, Aligarh Muslim University, Aligarh, India  
M.M. Sufyan Beg, Aligarh Muslim University, Aligarh, India  
Mohammad Saad Alam, Aligarh Muslim University, Aligarh, India  
Shahedul Haque Laskar, NIT SILCHAR, Silchar, India
- 43 **Secured Transmission of Clinical Signals Using Hyperchaotic DNA Confusion and Diffusion Transform**  
S. J. Sheela, Siddaganga Institute of Technology, Tumakuru, India  
K. V. Suresh, Siddaganga Institute of Technology, Tumakuru, India  
Deepaknath Tandur, ABB, Bengaluru, India
- 65 **A Comparative Analysis of Deep Learning Approaches for Network Intrusion Detection Systems (N-IDSs): Deep Learning for N-IDSs**  
Vinayakumar R, Center for Computational Engineering and Networking (CEN), Amrita School of Engineering, Coimbatore, Amrita Vishwa Vidyapeetham, India  
Soman KP, Center for Computational Engineering and Networking (CEN), Amrita School of Engineering, Coimbatore, Amrita Vishwa Vidyapeetham, India  
Prabakaran Poornachandran, Center for Cyber Security Systems and Networks, Amrita School of Engineering, Amritapuri, Amrita Vishwa Vidyapeetham, India
- 90 **Cloud-ElGamal and Fast Cloud-RSA Homomorphic Schemes for Protecting Data Confidentiality in Cloud Computing**  
Khalid El Makkaoui, LAVETE Laboratory, FST, Univ Hassan 1, Settat, Morocco  
Abderrahim Beni-Hssane, Department of Computer Science, Faculty of Sciences, Chouaib Doukkali University, El Jadida, Morocco  
Abdellah Ezzati, LAVETE Laboratory, FST, Univ Hassan 1, Settat, Morocco

#### COPYRIGHT

The *International Journal of Digital Crime and Forensics (IJDCF)* (ISSN 1941-6210; eISSN 1941-6229), Copyright © 2021 IGI Global. From the journal's inception, January 1, 2009, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (<http://creativecommons.org/licenses/by/4.0/>) where copyright for the work remains solely with the author(s) of the article manuscript. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Digital Crime and Forensics* is indexed or listed in the following: ACM Digital Library; Applied Social Sciences Index & Abstracts (ASSIA); Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)