

Table of Contents

| | |
|---|----|
| Secure and User-friendly De-Registration of a Vehicle as Off The Road Using Mobile Authentication with German eID Card and a NFC-enabled Smartphone <i>Michael Massoth</i> | 1 |
| Torrent Forensics: Are your Files Being Shared in the BitTorrent Network? <i>Ali Alhazmi, Gabriel Macia-Fernandez, Jose Camacho, and Saeed Salah</i> | 7 |
| Citizen Sensing for Environmental Risk Communication <i>Yang Ishigaki, Kenji Tanaka, Yoshinori Matsumoto, Yasuko Yamada Maruo, and Harrizki Arie Pradana</i> | 11 |
| Global information Privacy Infringement index (GPI) <i>Hyunmin Suh and Myungchul Kim</i> | 13 |
| An Investigation on Forensic Opportunities to Recover Evidential Data from Mobile Phones and Personal Computers <i>Philip Naughton and M A Hannan Bin Azhar</i> | 20 |
| Detecting Safety- and Security-Relevant Programming Defects by Sound Static Analysis <i>Daniel Kastner, Laurent Mauborgne, and Christian Ferdinand</i> | 26 |
| Evaluations of Maximum Distance Achieved Using the Three Stage Multiphoton Protocol at 1550 nm, 1310 nm, and 850 nm <i>Majed Khodr</i> | 32 |
| Enhancing Integrity Protection for Industrial Cyber Physical Systems <i>Rainer Falk and Steffen Fries</i> | 35 |
| Vaccine: A Block Cipher Method for Masking and Unmasking of Ciphertexts' Features <i>Ray R. Hashemi, Amar Rasheed, Jeffrey Young, and Azita A. Bahrami</i> | 41 |
| A Study on Introducing Cyber Security Incident Reporting Regulations for Nuclear Facilities <i>ChaeChang Lee</i> | 48 |
| Improving the Effectiveness of CSIRTs <i>Maria Bada, Sadie Creese, Michael Goldsmith, and Chris J. Mitchell</i> | 53 |
| On the Alignment of Safety and Security for Autonomous Vehicles <i>Jin Cui and Giedre Sabaliauskaite</i> | 59 |
| Trends in Building Hardware and Software for Smart Things in Internet of Things <i>Xing Liu</i> | 65 |

RF Fingerprinting for 802.15.4 Devices: Combining Convolutional Neural Networks and RF-DNA 70
Bernard Lebel, Louis N. Belanger, Mohammad Amin Haji Bagheri Fard, and Jean-Yves Chouinard

Integrating Autonomous Vehicle Safety and Security 75
Giedre Sabaliauskaite and Jin Cui