

IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY

A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY



www.signalprocessingsociety.org

SEPTEMBER 2016

VOLUME 11

NUMBER 9

ITIFIA6

(ISSN 1556-6013)

REGULAR PAPERS

Minutiae Extraction From Level 1 Features of Fingerprint	<i>E. Liu and K. Cao</i>	1893
Detecting Facial Retouching Using Supervised Deep Learning	<i>A. Bharati, R. Singh, M. Vatsa, and K. W. Bowyer</i>	1903
A Reversible Data Hiding Scheme Based on Code Division Multiplexing	<i>B. Ma and Y. Q. Shi</i>	1914
Delay-Aware Optimization of Physical Layer Security in Multi-Hop Wireless Body Area Networks	<i>H. Moosavi and F. M. Bui</i>	1928
PPM-HDA: Privacy-Preserving and Multifunctional Health Data Aggregation With Fault Tolerance	<i>S. Han, S. Zhao, Q. Li, C.-H. Ju, and W. Zhou</i>	1940
Formal Verification of the xDAuth Protocol	<i>Q. Alam, S. Tabbasum, S. U. R. Malik, M. Alam, T. Ali, A. Akhunzada, S. U. Khan, A. V. Vasilakos, and R. Buyya</i>	1956
Neural Markers of Cybersecurity: An fMRI Study of Phishing and Malware Warnings	<i>A. Neupane, N. Saxena, J. O. Maximo, and R. Kana</i>	1970
Discriminant Correlation Analysis: Real-Time Feature Level Fusion for Multimodal Biometric Recognition	<i>M. Haghigiat, M. Abdel-Mottaleb, and W. Alhalabi</i>	1984
An Exploration of Geographic Authentication Schemes	<i>B. MacRae, A. Salehi-Abari, and J. Thorpe</i>	1997
ActiveTrust: Secure and Trustable Routing in Wireless Sensor Networks	<i>Y. Liu, M. Dong, K. Ota, and A. Liu</i>	2013
Comparative Studies of Passive Imaging in Terahertz and Mid-Wavelength Infrared Ranges for Object Detection	<i>M. Kowalski and M. Kastek</i>	2028
Temporal and Spatial Locality: An Abstraction for Masquerade Detection	<i>J. B. Camiña, R. Monroy, L. A. Trejo, and M. A. Medina-Pérez</i>	2036

(Contents Continued on Page 1890)

(Contents Continued from Page 1889)

Efficient and Anonymous Mobile User Authentication Protocol Using Self-Certified Public Key Cryptography for Multi-Server Architectures	<i>D. He, S. Zeadally, N. Kumar, and W. Wu</i>	2052
Cherry-Picking Reliable PUF Bits With Differential Sequence Coding	<i>M. Hiller, M.-D. Yu, and G. Sigl</i>	2065
Exploiting Path Diversity for Thwarting Pollution Attacks in Named Data Networking	<i>H. Guo, X. Wang, K. Chang, and Y. Tian</i>	2077
Wireless Physical-Layer Identification: Modeling and Validation	<i>W. Wang, Z. Sun, S. Piao, B. Zhu, and K. Ren</i>	2091
On the Individual Secrecy Capacity Regions of the General, Degraded, and Gaussian Multi-Receiver Wiretap Broadcast Channel	<i>A. S. Mansour, R. F. Schaefer, and H. Boche</i>	2107
Cryptoleq: A Heterogeneous Abstract Machine for Encrypted and Unencrypted Computation	<i>O. Mazonka, N. G. Tsoutsos, and M. Maniatakos</i>	2123
