IEEE TRANSACTIONS ON
# INFORMATION FORENSICS AND SECURITY

A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY

IEEE Signal Processing Society

www.signalprocessingsociety.org

JUNE 2019 VOLUME 14 NUMBER 6 ITIFA6 (ISSN 1556-6013)

REGULAR PAPERS

Screen-Shooting Resilient Watermarking ..... *H. Fang, W. Zhang, H. Zhou, H. Cui, and N. Yu* 1403

Ensemble of Multi-View Learning Classifiers for Cross-Domain Iris Presentation Attack Detection ..... *A. Kuehlkamp, A. Pinto, A. Rocha, K. W. Bowyer, and A. Czajka* 1419

A Scalable Architecture for Uncompressed-Domain Watermarked Videos ..... *H. Mareen, J. De Praeter, G. Van Wallendael, and P. Lambert* 1432

Efficient Profiled Attacks on Masking Schemes ..... *L. Lerman and O. Markowitch* 1445

DroidCat: Effective Android Malware Detection and Categorization via App-Level Profiling ..... *H. Cai, N. Meng, B. Ryder, and D. Yao* 1455

Statistical Application Fingerprinting for DDoS Attack Mitigation ..... *M. E. Ahmed, S. Ullah, and H. Kim* 1471

Enhanced PeerHunter: Detecting Peer-to-Peer Botnets Through Network-Flow Level Community Behavior Analysis ..... *D. Zhuang and J. M. Chang* 1485

Iris Recognition After Death ..... *M. Trokielewicz, A. Czajka, and P. Maciejewicz* 1501

Encryption-Then-Compression Systems Using Grayscale-Based Image Encryption for JPEG Images ..... *T. Chuman, W. Sirichotedumrong, and H. Kiya* 1515

A Coalitional Cyber-Insurance Framework for a Common Platform ..... *I. Vakilinia and S. Sengupta* 1526

"Unexpected Item in the Bagging Area": Anomaly Detection in X-Ray Security Images ..... *L. D. Griffin, M. Caldwell, J. T. A. Andrews, and H. Bohler* 1539

Lightweight and Privacy-Friendly Spatial Data Aggregation for Secure Power Supply and Demand Management in Smart Grids ..... *P. Gope and B. Sikdar* 1554

Privacy Against a Hypothesis Testing Adversary ..... *Z. Li, T. J. Oechtering, and D. Gündüz* 1567

Peer Prediction-Based Trustworthiness Evaluation and Trustworthy Service Rating in Social Networks ..... *J. Du, E. Gelenbe, C. Jiang, H. Zhang, Y. Ren, and H. V. Poor* 1582

Hardware-Assisted Transparent Tracing and Debugging on ARM ..... *Z. Ning and F. Zhang* 1595

Secure Massive MIMO Under Imperfect CSI: Performance Analysis and Channel Prediction ..... *T. Yang, R. Zhang, X. Cheng, and L. Yang* 1610

Recurrent Adaptation Networks for Online Signature Verification ..... *S. Lai and L. Jin* 1624

IEEE

Vesper: Using Echo Analysis to Detect Man-in-the-Middle Attacks in LANs ..... *Y. Mirsky, N. Kalbo, Y. Elovici, and A. Shabtai* 1638
iSTRICT: An Interdependent Strategic Trust Mechanism for the Cloud-Enabled Internet of Controlled Things ..... *J. Pawlick, J. Chen, and Q. Zhu* 1654
Two-Stage Relay Selection for Enhancing Physical Layer Security in Non-Orthogonal Multiple Access ..... *Y. Feng, S. Yan, C. Liu, Z. Yang, and N. Yang* 1670

Edics .....
Information for Authors .....