Cyber Security - Publications - DTU Orbit (05/09/2018)

A fog-based privacy-preserving approach for distributed signature-based intrusion detection
Wang, Y., Meng, W., Li, W., Li, J., Liu, W-X. & Xiang, Y. 2018 In : Journal of Parallel and Distributed Computing. 122, p. 26-35
Publication: Research - peer-review » Journal article – Annual report year: 2018

CodeTrust: Trusting Software Systems
Publication: Research - peer-review » Article in proceedings – Annual report year: 2018

Cyber-physical architecture assisted by programmable networking
Publication: Research - peer-review » Journal article – Annual report year: 2018

CyberShip: An SDN-based Autonomic Attack Mitigation Framework for Ship Systems
Sahay, R., Sepúlveda Estay, D. A., Meng, W., Jensen, C. D. & Barfod, M. B. 2018
Publication: Research - peer-review » Paper – Annual report year: 2018

Detecting insider attacks in medical cyber-physical networks based on behavioral profiling
Publication: Research - peer-review » Journal article – Annual report year: 2018

Editorial of special issue on mobile networks and devices security, privacy and trust
Publication: Research - peer-review » Editorial – Annual report year: 2018

Enhancing Intelligent Alarm Reduction for Distributed Intrusion Detection Systems via Edge Computing
Publication: Research - peer-review » Article in proceedings – Annual report year: 2018

Evaluating the Impact of Juice Filming Charging Attack in Practical Environments
Publication: Research - peer-review » Article in proceedings – Annual report year: 2018

Impossible meet-in-the-middle fault analysis on the LED lightweight cipher in VANETs
Li, W., Rijmen, V., Tao, Z., Wang, Q., Chen, H., Liu, Y., Li, C. & Liu, Y. 2018 In : Science China Information Sciences. 61, 3, 13 p., 032110
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Improved meet-in-the-middle attacks on reduced-round Piccolo
Publication: Research - peer-review » Journal article – Annual report year: 2018

Intrusion Detection in the Era of IoT: Building Trust via Traffic Filtering and Sampling
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Publication: Research - peer-review » Article in proceedings – Annual report year: 2018
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Publication: Research - peer-review › Journal article – Annual report year: 2018

Putting Wings on SPHINCS
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

TouchWB : Touch behavioral user authentication based on web browsing on smartphones
Publication: Research - peer-review › Journal article – Annual report year: 2018

Towards Bayesian-based Trust Management for Insider Attacks in Healthcare Software-Defined Networks
Publication: Research - peer-review › Journal article – Annual report year: 2018

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A bayesian inference-based detection mechanism to defend medical smartphone networks against insider attacks
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Publication: Research - peer-review › Conference article – Annual report year: 2017

A structural-differential property of 5-round AES
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A Pilot Study of Multiple Password Interference Between Text and Map-Based Passwords
A Privacy-Preserving Framework for Collaborative Intrusion Detection Networks Through Fog Computing

Architecturally Significant Requirements Identification, Classification and Change Management for Multi-tenant Cloud-Based Systems

Authentication for E-Government in Developing Countries - With special focus on the North Africa Countries

Behavioural Profiling in Cyber-Social Systems

Cache timing attacks on recent microarchitectures

Design and analysis of cryptographic algorithms

Detecting Malicious Nodes in Medical Smartphone Networks Through Euclidean Distance-Based Behavioral Profiling

Do we educate engineers that can engineer?

Efficient configurations for block ciphers with unified ENC/DEC paths

Enhancing collaborative intrusion detection networks against insider attacks using supervised intrusion sensitivity-based trust management model
APE: Authenticated Permutation-Based Encryption for Lightweight Cryptography
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Multidimensional zero-correlation attacks on lightweight block cipher HIGHT: Improved cryptanalysis of an ISO standard

On the Efficacy of Solving LWE by Reduction to Unique-SVP

On the (In)Equivalence of Impossible Differential and Zero-Correlation Distinguishers for Feistel- and Skipjack-Type Ciphers

On the Wrong Key Randomisation and Key Equivalence Hypotheses in Matsui’s Algorithm 2

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Route 66: Passively Breaking All GSM Channels

The LOCAL attack: Cryptanalysis of the authenticated encryption scheme ALE
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