Vulnerabilities and Security Breaches in Cryptocurrencies


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2020 › Research › peer-review

Cyber-storms come from clouds: Security of cloud computing in the IoT era


Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

BitFlow: Enabling real-time cash-flow evaluations through blockchain


Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

ANTIBIOTIC 2.0: a fog-based anti-malware for internet of things


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Combining antibiotic with fog computing: Antibiotic 2.0


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Foundations and Evolution of Modern Computing Paradigms: Cloud, IoT, Edge, and Fog


Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review
Protecting the Internet of Things with Security-by-Contract and Fog Computing
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Towards a Systematic Survey of Industrial IoT Security Requirements: Research Method and Quantitative Analysis
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Adding salt to pepper a structured security assessment over a humanoid robot: A Structured Security Assessment over a Humanoid Robot
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Analysis and Evaluation of SafeDroid v2.0, a Framework for Detecting Malicious Android Applications
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

AntibIoTic: Protecting IoT Devices Against DDoS Attacks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

DDoS-Capable IoT Malwares: Comparative Analysis and Mirai Investigation
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

From Monolithic to Microservices An Experience Report from the Banking Domain
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Joining Jolie to Docker Orchestration of Microservices on a Containers-as-a-Service Layer
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Microservices: How to make your application scale
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Analysis of DDoS-capable IoT malwares
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review
A taxonomy of distributed denial of service attacks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Microservices: Yesterday, Today, and Tomorrow
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Security And Privacy Issues in Healthcare Monitoring Systems: A Case Study
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Security flows in OAuth 2.0 framework: A case study
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

The Internet of Hackable Things
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

A Survey of Man in the Middle Attacks
Conti, M., Dragoni, N. & Lesyk, V., 2016, In : IEEE Communications Surveys and Tutorials. 18, 3, p. 2027-2051
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Evaluation of Professional Cloud Password Management Tools
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Mind the tracker you wear: a security analysis of wearable health trackers
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

SafeDroid: A Distributed Malware Detection Service for Android
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Security And Privacy Issues in Health Monitoring Systems: eCare@Home Case Study
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review
Medium Access Control for Thermal Energy Harvesting in Advanced Metering Infrastructures
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

MITHYS: Mind The Hand You Shake - Protecting Mobile Devices from SSL Usage Vulnerabilities
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Social Networks and Collective Intelligence: A Return to the Agora
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2013 › Research › peer-review

Sustainable medium access control: Implementation and evaluation of ODMAC
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Sustainable Performance in Energy Harvesting - Wireless Sensor Networks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Adaptive Media Access Control for Energy Harvesting - Wireless Sensor Networks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Analytical Comparison of MAC Schemes for Energy Harvesting - Wireless Sensor Networks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Declarative Specification of Fault Tolerant Auction Protocols: The English Auction Case Study
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Energy-Harvesting Wireless Sensor Networks
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research › peer-review

Implementing Workflow Reconfiguration in WS-BPEL
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Modelling and Analysis of Dynamic Reconfiguration In BP-Calculus
SC²: Secure Communication over Smart Cards: How to Secure Off-Card Matching in Security-by-Contract for Open Multi-application Smart Cards
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2012 > Research > peer-review

Security challenges for energy-harvesting wireless sensor networks
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2012 > Research > peer-review

Social Networks and Collective Intelligence - A Return to the Agora (with the Polidoxa Shift)
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2012 > Research > peer-review

Toward a Threat Model for Energy-Harvesting Wireless Sensor Networks
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2012 > Research > peer-review

Toward a Unified Framework for Web Service Trustworthiness
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2012 > Research > peer-review

A Load Time Policy Checker for Open Multi-Application Smart Cards
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2011 > Research > peer-review

Analysis of Trust-Based Approaches for Web Service Selection
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2011 > Research > peer-review

Dependable Workflow Reconfiguration in WS-BPEL
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2011 > Research > peer-review

Design, Modelling and Analysis of a Workflow Reconfiguration
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2011 > Research > peer-review
Guest Editorial: Special Issue on Frontiers in Trust Management
Research output: Contribution to journal › Editorial – Annual report year: 2011 › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

Supporting Software Evolution for Open Smart Cards by Security-by-Contract
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2011 › Research › peer-review

Toward Design, Modelling and Analysis of Dynamic Workflow Reconfigurations - A Process Algebra Perspective
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review

A Survey on Trust-Based Web Service Provision Approaches
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

Design of QoS-aware Provisioning Systems
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

Extending Security-by-Contract with Quantitative Trust on Mobile Devices
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Extending Security-by-Contract with Quantitative Trust on Mobile Devices
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

Securing Off-Card Contract-Policy Matching in Security-By-Contract for Multi-Application Smart Cards
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review
Supporting Applications' Evolution in Multi-Application Smart Cards by Security-by-Contract
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

A Formal Semantics for the WS-BPEL Recovery Framework - The Pi-Calculus Way
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research › peer-review

A self-protecting and self-healing framework for negotiating services and trust in autonomic communication systems
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Matching in security-by-contract for mobile code
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Security-By-Contract (SxC) for Mobile Systems
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Security-by-Contract (SxC) for Software and Services of Mobile Systems
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2009 › Research › peer-review

Toward Trustworthy Web Services: Approaches, Weaknesses and Trust-By-Contract Framework
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research › peer-review

What the heck is this application doing? - A security-by-contract architecture for pervasive services
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Where are All the Agents? On the Gap Between Theory and Practice of Agent-Based Referral Networks: An Inter-Agent Communication Perspective
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research › peer-review

Projects:
Reusch, N., Pop, P. & Dragoni, N.
01/10/2019 → 30/09/2022
Project: PhD

Bottom-up blockchain valuechains in the food sector
01/05/2019 → 30/06/2020
Project: Research

Fog Computing Security
Tange, K. P., Dragoni, N. & Fafoutis, X.
01/10/2018 → 30/09/2021
Project: PhD

Software Architecture and Platform for Multi-study and Multi-source Digital Phenotyping Research
Kumar, D., Bardram, J. E. & Dragoni, N.
Fonde
01/02/2018 → 31/01/2021
Project: PhD

Security in Fog Computing
De Donno, M., Dragoni, N., Probst, C. W. & Fafoutis, X.
Technical University of Denmark
01/09/2017 → 31/08/2020
Project: PhD

Certifiable Java for Embedded Systems
Forskningsrådsfinansiering
15/03/2011 → 25/09/2014
Project: PhD

Optimized Networking for Energy Harvesting Wireless Sensor Networks
Fafoutis, X., Dragoni, N., Madsen, J., Nannarelli, A., Plosila, J. P. & Vain, J.
Technical University of Denmark
01/12/2010 → 26/05/2014
Project: PhD

Round-trip Engineering of Service-Oriented Architectures
Carvalho Quaresma, J. N., Probst, C. W., Nielson, F., Dragoni, N., Gollmann, D. & Kammuller, F.
Technical University of Denmark
01/09/2010 → 22/11/2013
Project: PhD

Formal methods for design and simulation of embedded systems
1/3 FUU, 1/3 inst 1/3 Andet
01/06/2009 → 30/08/2013
Project: PhD

Optimized Networking for Energy Harvesting Wireless Sensor Network
Vuckovic, D., Madsen, J., Sørensen, T., Dragoni, N., Ellervee, P. & Nielsen, P. Ø.
Ansat eksternt
01/03/2011 → 30/09/2014
Project: PhD