

# Professor Dr.-Ing. Simon Duque Anton - Publikationen

Duque Anton, Simon; Riemenschneider, Erik; Ungerbühler, Moritz

## **Einsatz großer Sprachmodelle im Software Engineering**

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## **Data augmentation in predictive maintenance applicable to hydrogen combustion engines: a review**

Artificial Intelligence Review. Bd. 58. H. 1. Springer Science and Business Media LLC 2024

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## **Software-Bus-Toolchain (SBT): Introducing a Versatile Method for Quickly Implementing (I)IoT-Scenarios**

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## **KI: Wunsch und Wirklichkeit**

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## **The asset administration shell as enabler for predictive maintenance: a review**

Journal of Intelligent Manufacturing. Bd. 36. H. 1. Springer Science and Business Media LLC 2023 S. 19 - 33

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## **Universelles Werkzeug für IoT-Umgebungen: Software-Bus-Toolchain**

Elektronik. WEKA Fachmedien 2023 S. 42 - 45

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## **On Explainability in AI-Solutions: A Cross-Domain Survey**

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## **Anomaly Detection in Industry: Generating Data for Industrial Intrusion Detection and Detecting Attacks on Industrial Environments in Network- and Process-Data with Machine Learning and Time Series Methods**

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### **Attack Scenarios in Industrial Environments and How to Detect Them: A Roadmap,**

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### **Demystifying Deception Technology: A Survey**

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### **Intrusion Detection in Binary Process Data: Introducing the Hamming-distance to Matrix Profiles**

2020 IEEE 21st International Symposium on "A World of Wireless, Mobile and Multimedia Networks" (WoWMoM). IEEE 2020 S. 347 - 353

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### **Investigating the Ecosystem of Offensive Information Security Tools**

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### **Security in Process: Visually Supported Triage Analysis in Industrial Process Data**

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### **Discussing the Feasibility of Acoustic Sensors for Side Channel-aided Industrial Intrusion Detection**

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### **Implementing SCADA Scenarios and Introducing Attacks to Obtain Training Data for Intrusion Detection Methods**

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### **Intelligence Slicing: A Unified Framework to Integrate Artificial Intelligence into 5G Networks**

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### **Angriffserkennung für industrielle Netze innerhalb des Projektes IUNO**

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### **Anti-Reconnaissance: Long Short-Term Memory based Detection, Classification and Mitigation of Hostile Network Exploration**

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### **Catch Me If You Can**

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### **Cloxy**

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### **Deception in Information Security: Legal Considerations in the Context of German and European Law**

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### **Evaluation of Machine Learning-based Anomaly Detection Algorithms on an Industrial Modbus/TCP Data Set**

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### **Time is of the Essence: Machine Learning-Based Intrusion Detection in Industrial Time Series Data**

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### **Distributed and highly-scalable WAN network attack sensing and sophisticated analysing framework based on Honeypot technology**

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### **Highly Scalable and Flexible Model for Effective Aggregation of Context-based Data in Generic IIoT Scenarios**

Proceedings of the 9th Central European Workshop on Services and their Composition (ZEUS 2017). 2017 S. 51 - 58

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### **Introducing GAMfIS: A generic attacker model for information security**

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