

## Publikationen

- (2019): Sustainable Peer-to-Peer Energy Trading Principles and Smart Meter Requirements for Smart Grids. In: Bavarian Journal of Applied Sciences, vol. 5, no. 1, pp. 461-475. DOI: 10.25929/bjas.v5i1.66.
- (2019): Concept for Detection of Device Failures Using Active Grid Analysis. In: Proceedings of the 5th International Conference on Sensors and Electronic Instrumentation Advances (SEIA 2019).
- (2019): Message Compression Concept for Software Defined IoT Edge Devices. In: Proceedings of the 5th International Conference on Sensors and Electronic Instrumentation Advances (SEIA 2019).
- (2019): Geoanalyse mit Methoden der Künstlichen Intelligenz - Datenaufbereitung, Homogenisierung und Anwendung am Fallbeispiel der (Wild-)Unfallprognose. Posterpräsentation. In: Fachsymposium Mobilität der Zukunft, Deggendorf.
- (2019): Geoanalyse mit Methoden der Künstlichen Intelligenz - Datenaufbereitung, Homogenisierung und Anwendung am Fallbeispiel der (Wild-)Unfallprognose. Posterpräsentation. In: AGIT Symposium & Expo 2019 - Angewandte Geoinformatik, Salzburg, Österreich.
- (2019): Thermografieuntersuchungen im Bereich Hot Fluid Computing. In: DKV-Seminar 2019 - Kühlung von Rechenzentren, Karlsruhe.
- (2018): Comparison of Software Defined Radio Techniques and Smart Metering Devices for Predictive Maintenance Applications. In: 2nd URSI Atlantic Radio Science Conference (URSI AT-RASC), Maspalomas, Gran Canaria, Spanien.
- (2018): Management of Virtual Desktops in Energy Efficient Office Environments Using Thin Clients. In: Ninth International Conference on Cloud Computing, GRIDs, and Virtualization (CLOUD COMPUTING 2018), colocated with ComputationWorld 2018, Barcelona, Spanien.
- (2018): The Role of Smart Meters in P2P Energy Trading in the Low Voltage Grid. In: Advanced Computer Information Technologies- ACIT 2018, České Budějovice, Czech Republic.
- (2018): Comparison of Software Defined Radio Techniques and Smart Metering Devices for Predictive Maintenance Applications. In: Proceedings of the 2nd URSI Atlantic Radio Science Conference (URSI AT-RASC) [May 28th-June 1st, 2018; Maspalomas, Gran Canaria, Spain]. DOI: 10.23919/URSI-AT-RASC.2018.8471357.
- (2018): The Role of Smart Meters in P2P Energy Trading in the Low Voltage Grid. In: Proceedings of ACIT 2018 (International Conference "Advanced Computer Information Technologies").
- (2018): WVDI - Workstation based Virtual Desktop Infrastructure. Eine verteilte hyperkonvergente Infrastruktur.. Posterpräsentation. In: 5. Tag der Forschung, Deggendorf.
- (2018): Smart Grid-Technologien für ländliche Gebiete und KMU. Posterpräsentation. In: 5. Tag der Forschung, Deggendorf.
- (2018): Management of Virtual Desktops in Energy Efficient Office Environments Using Thin Clients. In: Proceedings of the Ninth International Conference on Cloud Computing, GRIDs, and Virtualization (CLOUD COMPUTING 2018), colocated with ComputationWorld 2018 (IARIA; Barcelona, Spain; February 18-22, 2018).
- (2017): Artificial Neural Networks based Age Estimation of Electronic Devices. In: 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP), Brasov, Romania.

(2017): Artificial Neural Networks based Age Estimation of Electronic Devices. In: Proceedings of the 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) [May 25-27 2017; Brasov, Romania] , vol. IEEE Conference Record #38276.

(2015): Vehicle-to-Grid AC Charging Station: An Approach for Smart Charging Development. In: Proceedings of the 13th International Conference on Programmable Devices and Embedded Systems (13.-15.05.2015, Krakau, Polen).

(2013): Power-Management in automobilen CAN-Systemen mittels teilnetzfähiger Steuergeräte und Absicherung der Interoperabilität. In: Bordnetz Kongress, Landshut.

(2011): Partial Networking - Selektiver Teilnetzbetrieb. In: AmE 2011 - Automotive meets Electronics, Berlin [u.a.], vol. 69, CD-ROM.

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