

Smart SysTech 2018

European Conference on Smart Objects, Systems and Technologies

June 12 to June 13, 2018

Fraunhofer Institute for Photonic Microsystems (Fraunhofer IPMS), Dresden, Germany

Program

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S.H. Ali, National University of Sciences & Technology, Islamabad, Pakistan

[Wireless Sensors for Industry 4.0 – Wireless Communication and Wireless Powering](#)

H.C. Müller, Fraunhofer IMS, Duisburg, Germany

[Smart Grid Data Classification with Deep Networks](#)

Ö. Özdemir, Pázmány Péter Catholic University, Budapest, Hungary

[LoRaWAN for IoT Applications in Air Cargo](#)

O. Poenicke, Fraunhofer IFF, Magdeburg, Germany

[HF RFID Card Optimization Regarding the IC's Non-Linearity](#)

S. Rizkalla, TU Wien, Austria

[Read Rate Optimization of an RFID Tunnel Gate by Using the Concept of an Electromagnetic Reverberation Chamber With Different Q Factors](#)

S. Schwarz, Fraunhofer IFF, Magdeburg, Germany

[Realization and Measurements of a Novel Dual Frequency Circulator for POW-RFID](#)

P. Kuhn, Fraunhofer IMS, Duisburg, Germany

[A Channel Sounding System for Highly Interfered License-Exempt Frequency Bands](#)

J. Robert, FAU Erlangen-Nürnberg, Erlangen, Germany

[Analog Frontend for Ultra Low Power 60-GHz RFID Tag for Back-Scattering Communication](#)

A. Harutyunyan, Fraunhofer IPMS, Dresden, Germany

[A comparison of several ASK modulator techniques for SHF Reader implementation](#)

E.E. Bektas, Fraunhofer IMS, Duisburg, Germany

[Machine Learning Based Indoor Localisation Using Environmental Data in PhyNetLab Warehouse](#)

M. Masoudinejad, TU Dortmund, Dortmund, Germany

[Smart Self-Sufficient Wireless Current Sensor](#)

A. Hennig, Fraunhofer IMS Duisburg, Germany

[A GUI-based Platform for Quickly Prototyping Server-side IoT Applications](#)

T. Nepomuceno, Fraunhofer SCS, Germany

[Blockchain Cloud Manufacturing: Shop Floor and Machine Level](#)

A. Vatankhah Barenji, Guangdong University of Technology, Guangzhou, China

Poster

[SHF RFID Reader Architecture & SHF RFID Reader Antenna Design](#)

[Abstract](#)

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