

Program

Poster Session

- o [An ML Approach for Decoding Collision Slots](#)
- o [Smart Sensors for the Intelligent Container](#)

Energy Harvesting

- o [An Evaluation of Energy Harvesting for Smart UHF RFID Tags](#)
- o [Energy self-sufficient sensor nodes for the detection of gaseous hazardous substances in case of disaster](#)
- o [Wireless Sensor System for Industrial Applications Powered by Thermoelectric Generator](#)

Smart Objects

- o [Using the RFID Wristband for Automatic Identification in Manual Processes](#)
- o [Detecting Smart Plug Configuration Changes in Smart Homes](#)
- o [Smart Flight Case](#)

Cyber-Physical Systems

- o [Unleashing the Power of Events out of Smart Transport Items](#)
- o [Event-Driven Production Control based on Sensor Events](#)
- o [1.5 Billion Events a week – a statistical assessment for smart transport items in German FMCG supply chains](#)

Navigation & Safety

- o [Navigation for Occupational Safety in Harsh Industrial Environments](#)
- o [Safety Wristband for Active Security Network](#)

Communication Technologies

- o [An Efficient RFID Tag Estimation Method Using Biased Chebyshev Inequality for Dynamic Frame Slotted ALOHA](#)
- o [Analysis of Average Outage Probabilities in a Finite, Centralised Radio Network with Slotted Random Access](#)

Smart Grids

- o [Novel Consumer Classification Scheme for Smart Grids](#)
- o [Development of an Algorithm to Control and Optimize the Coordinated Charging Process of a Group of Electric Vehicles](#)

Smart Systems

- o [An Integrated Embedded Solution for Driving Support](#)
- o [Controlling Smart Objects from Web Applications using the Webinos Platform](#)

Software Defined RFID Systems

- o [A Study of Software Defined Radio Receivers for Passive RFID Systems](#)
- o [Hybrid Extension of a Flexible Software Defined RFID Reader](#)