

Tuesday, 16.06.2009

09:00 *Registration*

09:30 Workshop Opening

U. Wissendheit, Fraunhofer IIS, Erlangen, Germany
T. Hollstein, University of Darmstadt, Germany

09:40 Greetings / Introduction to BIBA

B. Scholz-Reiter, University of Bremen, Germany

10:00 [Known Attacks on RFID-Systems, possible counter-measurements and upcoming standardisation activities.](#)

Keynote: K. Finkenzeller,
Giesecke & Devrient, Munich, Germany

11:00 *Coffee Break / Industrial exhibition*

11:30 Industrial Presentations

Chair: M. Wernle, Meshed Systems, Munich, Germany

Session 1: Security

Chair: E. Schmidt, Pepperl & Fuchs, Mannheim, Germany

12:10 [Security Aspects in Vulnerable RFID-Aided Supply Chains](#)

M. Scharpranow, University of Potsdam, Germany

12:35 [Trusted EPC Administration](#)

P. Sakal, University of Applied Sciences Bonn-Rhein-Sieg,
Bonn, Germany

13:00 *Lunch / Industrial exhibition*

14:00 [Secure use of NFC in medical environments](#)

A.J. Jara, University of Murcia, Spain

Session 2: Applications and protocols

Chair: S. Kolnsberg, Fraunhofer IMS, Duisburg, Germany

14:25 [RFID-Technology in Material Flow Control and Order Picking](#)

E. Poeter, Fraunhofer IML, Dortmund, Germany

14:50 [RFID three-level based integral tracking system for non-homogeneous loads](#)

J. G^a-Escribano, University of Castilla-La Mancha,
Ciudad Real, Spain

15:15 *Coffee Break / Industrial exhibition*

15:45 [E-Kanban-Systems](#)

K. Richter, Technical University of Dresden, Germany

16:10 [Markovian Model for Computation of Tag Loss Ratio in Dynamic RFID Systems](#)

M.V. Bueno-Delgado, University of Cartagena, Spain

16:35 [Design of an RFID System for its application in a real distribution center](#)

J. G^a-Escribano, University of Castilla-La Mancha,
Ciudad Real, Spain

17:00 *Excursion – BIBA*

19:30 *Social Event*

Wednesday, 17.06.2009

08:30 [Stepping from RFID to Autonomous Cooperating Logistic Processes](#)

Keynote: B. Scholz-Reiter,
University of Bremen, Germany

Session 3: Transponders and Sensors

Chair: A. Garcia Higuera, University of La Mancha, Spain

09:30 [RFID- und Sensortranspondersysteme in Wartung und Instandhaltung](#)

F. Meyer, Fraunhofer IMS, Duisburg, Germany

09:55 [Inductively-Charged and Temporarily Self-Sufficient Operating Sensor Using Standard RFID-HF-Technology](#)

A. Loeffler, University of Erlangen, Germany

10:20 *Coffee Break / Industrial exhibition*

10:50 [Analysis of Antennas for Sensor Tags Embedded in Tyres](#)

F. Deicke, Fraunhofer IPMS, Bremen, Germany

11:15 [Antenna Design for Deeply Implantable Passive Wireless Sensor Systems in Medicine](#)

A. Hennig, Fraunhofer IMS, Duisburg, Germany

11:40 [Voltage Rectification: The Energy-Bottleneck for Passive RFID Systems](#)

T. Feldengut, Fraunhofer IMS, Duisburg, Germany

12:05 *Lunch / Industrial exhibition*

Session 4: Information Systems

Chair: C. Gorltdt, BIBA, Bremen, Germany

13:05 [An Event processing Architecture for an RFID based Logistics Monitoring System](#)

K. Werner, SAP, Dresden, Germany

13:30 [The footprint of food – A suggested traceability solution based on EPCIS](#)

B. Myhre, SINTEF ICT, Trondheim, Norway

13:55 [A Software as a Service RFID Middleware for Small and Medium-sized Enterprises](#)

J. Mueller, HPI, Potsdam, Germany

14:20 *Coffee Break / Industrial exhibition*

Session 5: Business Value

Chair: W.R. Hansen, AIM-D, Germany

14:50 [RFID Business Case Calculation](#)

T. Rhensius, RWTH University of Aachen, Germany

15:15 [Business risks from naive use of RFID in tracking, tracing and logistics](#)

L. Fritsch, Norwegian Computing Center, Oslo, Norway

15:40 [Strategic Benefit Potentials of RFID Application in Supply Chains](#)

D. Uckelmann, BIBA, Bremen, Germany

16:05 [Open Discussion](#)

Moderation:
T. Hollstein, University of Darmstadt, Germany

16:30 *End of the Workshop*