

DAY 1 | Wednesday | November 15, 2017

08:55 - 09:00	<b>Welcome</b>		Prof. Dr. Axel Sikora, University of Applied Sciences Offenburg
09:00 - 09:30	<b>OPENING KEYNOTE</b>		IHS Market
09:30 - 10:00	<b>KEYNOTE</b>		Prof. Dr. Frank Fitzek, Technische Universität Dresden (requested)
10:00 - 10:30	BUSINESS BREAK IN EXHIBITION AREA		
	<b>Session 01: Mobile Communication</b>	<b>Session 02: Security</b>	<b>Session 03: Bluetooth I</b>
10:30 - 11:00	NB-IoT – Pros and Cons of the new LPWA Radiotechnology? Lyn Matten, mm1 Technology	Security Tradeoffs and Commissioning Methods for Wireless IoT Protocols Lars Lydersen, Silicon Labs	Driving the Industry 4.0 opportunity and reality with Bluetooth technology Kelly Olsson, Bluetooth SIG
11:00 - 11:30	Mastering low-power application design for NB-IoT and eMTC Joerg Koepp, Rohde & Schwarz	Lifetime security design and infrastructure for IoT and wireless devices Georg Rudolph, Bosch SoftTec	Is Bluetooth Mesh Technology Ready for IoT? Mikko Savolainen, Silicon Labs
11:30 - 12:00	Experiences from a First Pilot of a NB IoT Smart Meter Wolfgang Esch, WEPTECH elektronik Ludger Boeggering, u-blox	Securing Wireless Applications in Financial Services: the Current Landscape Tej Aulakh, Spirent Communications	Is the newest Bluetooth Standard the final breakthrough for the consumer wireless technologies (Wi-Fi, Bluetooth and NFC) in Smart Home Technologies? Walter Puhl, MSC Technologies an Avnet Company
12:00 - 12:30	5G-MLab: Developing a Wireless Reliability Measurement Framework Matthias Herlich, Salzburg Research	Stronger when tested Vishwapathi Rao Tadinada, NXP	Is Bluetooth 5.0 / Mesh a threat for Thread? Knut Sennewald, Avnet EMG
12:30 - 13:30	LUNCH BREAK IN EXHIBITION AREA		
	<b>Session 04: Industrial</b>	<b>Session 05: IoT I</b>	<b>Session 06: Bluetooth II</b>
13:30 - 14:00	HiFlecs Prof. Dr. Armin Dekorsy, Universität Bremen	Wireless Interoperability: Challenges in Connecting Things Together Chandra Suram, NXP	Advanced BLE Beacons Using Bluetooth 5 Joe Tillison, Silicon Labs
14:00 - 14:30	TreuFunk Ulrike Roedig, Infineon	How to make your device part of the IoT – a straight forward approach Jochen Kilian, DSP Group	Evaluating the Performance of Smartphones Scanning for Low Energy Beacons Prof. Dr. Marcel Meli, ZHAW InES
14:30 - 15:00	KOI Dr. Maciej Muehleisen, Ericsson	Connect your low power wireless industrial IoT devices to the cloud Richard Stamvik, Multitech	Determining Position Using Bluetooth Low Energy Brian Senese, OpenSynergy
15:00 - 15:30	PROWILAN & Ausblick Taktiles Internet: TACNET4.0 Prof. Dr. Hans Schotten, Technische Universität Kaiserslautern / DFKI	Miniaturizing IoT Designs Tom Nordman, Silicon Labs	Bluetooth Adds Smartphone Connectivity to Zigbee Devices through Multiprotocol Solutions Dave Egan, Silicon Labs
15:30 - 16:00	BUSINESS BREAK IN EXHIBITION AREA		
	<b>Tutorial 01: IP500</b>	<b>Tutorial 02: Antenna</b>	<b>Session 07: Bluetooth III</b>
16:00 - 16:30	IP500 at the Glance IP500 Wireless Technology / Solution IP500 Module Integration in SmartDevices	Self Made Embedded Antenna Design versus Chip Antenna Designing and testing antennas from wireless prototype to production	Bluetooth 5 – crucial for real industrial applications Pelle Svensson, u-blox
16:30 - 17:00	Redundancy in wireless sensor networks for commercial buildings IP500 Infrastructure – Scalability and Redundancy Security and Access Applications certified by VdS IP500 Certification Process & Tools IP500 SmartIndustry Project “Freiburg”	Harald Naumann, Tekmodul Roger Denker, Megiq	Bluetooth low energy use cases involving proximity/asset tracking Olaf Herr, Bosch Connected Devices and Solutions
17:00 - 17:30			Silicon-related, beacons and physical web enabling a new IoT John Leonard, Nordic Semiconductor
17:30 - 18:00	Helmut Adamski, IP500 Alliance		Tbd. Mikko Savolainen, Silicon Labs
ab 18:00	GET-TOGETHER IN EXHIBITION AREA		

DAY 2 | Thursday | November 16, 2017

08:55 - 09:00	<b>Welcome</b>		Prof. Dr. Axel Sikora, University of Applied Sciences Offenburg
09:00 - 09:30	<b>KEYNOTE: Cellular Technology Evolution for the Internet of Things (NB-IoT, CAT-M, 5G,...)</b>		Dr. Ulrich Dropmann, Nokia BellLabs CTO
09:30 - 10:00	<b>Tbd.</b>		Digi-Key
10:00 - 10:30	BUSINESS BREAK IN EXHIBITION AREA		
	<b>Session 08: LPWAN</b>	<b>Session 09: IoT II</b>	<b>Session 10: Technology I</b>
10:30 - 11:00	<b>Sigfox – how Industrial IoT transforms business</b> Aurelius Wosylus, Sigfox Germany	<b>IoT ready self-powered sensor platform using ultra low power wireless wakeup technology</b> Dr. Tolgay Ungan, endiio	<b>Avoiding down times – Monitoring, diagnostics and troubleshooting of industrial wireless systems</b> Andreas Frotzscher, Fraunhofer IIS/EAS
11:00 - 11:30	<b>LoRaWAN new technology for Sensor Networks</b> Michael Fink, Semtech Germany	<b>SmartMAC – An Energy-Efficient Real-Time-Capable Wake-On-Radio-Protocol for 6LoWPAN</b> Prof. Dr. Axel Sikora, University of Applied Sciences Offenburg	<b>Coexistence management with central coordination of wireless applications</b> Marko Kraetzig, ifak
11:30 - 12:00	<b>Limitations of Curent LP-WAN Systems</b> Prof. Dr. Marcel Meli, Raphael Kraeuchi, ZHAW InES	<b>s-net – an energy-efficient wireless technology for the IOT</b> Dominik Elberskirch, Fraunhofer IIS	<b>Secure Full Capacity Multi-Cell Communication with Li-Fi systems</b> Michael Faulwaßer, Fraunhofer IPMS
12:00 - 12:30	<b>Comparing Selected Sub-GHz Transceivers – Results from the Field</b> Prof. Andreas Rüst, ZHAW InES	<b>Your IoT pilot project up and running within couple of days</b> Simon Chudoba, IQRF Alliance	<b>Industry-Standard Methods for Selecting an MCU for Wireless IoT Devices</b> Monica Redon, Analog Devices
12:30 - 13:30	LUNCH BREAK IN EXHIBITION AREA		
	<b>Session 11: ZigBee</b>	<b>Session 12: IoT III</b>	<b>Session 13: Technology II</b>
13:30 - 14:00	<b>Zigbee Mesh Technology – the communications foundation of the IoT</b> Victor Berrios, Zigbee Alliance	<b>Radio Regulatory Requirements for the IoT</b> Jon Harros, Element	<b>Tbd.</b>
14:00 - 14:30	<b>Zigbee Smart Energy 1.4</b> Victor Berrios, Zigbee Alliance	<b>Dotdot – The universal language of the IoT</b> Victor Berrios, Zigbee Alliance	<b>Energy Harvesting from Vibrations of a Pumping Station</b> Prof. Dr. Juan-Mario Gruber, ZHAW
14:30 - 15:00	<b>Zigbee (3.0) Base Device and application behavior</b> Victor Berrios, Zigbee Alliance	<b>Smart Wireless Solutions - Building Trust in the Internet of Things (DEWI &amp; SCOTT)</b> Dr. Werner Rom, Michael Karner, Virtual Vehicle Research Center	<b>UHF-RFID (RAIN) and NFC combined with Cloud technologies enabling a new world of logistic and marketing tools</b> Walter Puhl, MSC Technologies an Avnet Company
15:00 - 15:30	<b>Regulation and certification for zigbee</b> Jon Harros, Element	<b>Wireless Communication for Industry 4.0 – Technologies, Use Cases and Challenges</b> Milan Popovic, PMR Research & Development	<b>Ultra low-energy positioning for LoRA</b> Martin Seneclauze, CSEM
15:30 - 16:00	BUSINESS BREAK IN EXHIBITION AREA		
	<b>Tutorial 03: Weightless P</b>	<b>Tutorial 04: Compliance</b>	<b>Tutorial 05: LoRaWAN</b>
16:00 - 16:30	<b>Weightless-P hardware hands-on workshop</b>  Fabien Petitgrand, Ubiik	<b>Worldwide radio approvals, different Type Approval Processes</b>  Dr. Uwe Dollitz, PHOENIX TESTLAB	<b>SX1308 pico cell</b> <b>End to end solution demo (how to connect a LoRaWAN sensor to the cloud)</b> <b>LoRaWAN and ETSI compliance</b> <b>LoRaWAN network capacity fundamentals</b> <b>Building a LoRaWAN temperature sensor using open source software</b> Michael Fink, Semtech Germany
16:30 - 17:00			
17:00 - 17:30			

## Registration | Fill in, send, take part.

### I want to register for

- Only Day 1 (Nov. 15)  
 Only Day 2 (Nov. 16)  
 Full Conference (Nov. 15-16)

### My choice

#### DAY 1 | Wednesday | November 15, 2017:

- S01: Mobile Communication  
 S02: Security  
 S03: Bluetooth I  
 S04: Industrial  
 S05: IoT I

- S06: Bluetooth II  
 S07: Bluetooth III  
 T01: IP 500  
 T02: Antenna

#### DAY 2 | Thursday | November 16, 2017:

- S08: LPWAN  
 S09: IoT II  
 S10: Technology I  
 S11: ZigBee  
 S12: IoT III  
 S13: Technology II  
 T03: Weightless P  
 T04: Compliance  
 T05: LoRaWAN

Please note: In order to be registered you have to fill in all required fields marked with an asterisk \*.  
 (A confirmation email will be sent to you)

\_\_\_\_\_  
 Last Name \*                                      First Name \*                                      Mr./Ms./Title \*

\_\_\_\_\_  
 Company \*                                      Job title                                      Student:

\_\_\_\_\_  
 Street \*                                      Department

\_\_\_\_\_  
 Zip code \*                                      City \*                                      Country \*

\_\_\_\_\_  
 Phone \*                                      Email \*

\_\_\_\_\_  
 Purchase order number / Tax ID number etc.

\_\_\_\_\_  
 Date / Signature \*

#### We are a member of:

- Bluetooth SIG                                       IP 500                                       Weightless SIG  
 EnOcean                                       IQRf                                       ZigBee Alliance  
                                       KNX                                       ZVEI

Want to state a different billing-address?

Type it easily by registering online: [www.wireless-congress.com/registration](http://www.wireless-congress.com/registration)

### Terms and Conditions:

Conference fees	by Oct 5	after Oct 5
One-Day (Nov 15 or 16)	€ 690,-	€ 790,-
Full Conference (Nov 15 and 16)	€ 1.090,-	€ 1.190,-

All fees plus VAT.

- The attendance fee includes participation on the booked conference days, proceedings, lunch and refreshments.
- You will receive a confirmation of your conference registration along with your invoice.
- Cancellations received in writing before or on October 24, 2017 will be subject to a service charge of EUR 50 for one-day registrations and EUR 100 for two-day registrations. For all cancellations received after October 24, 2017 the full conference fee remains payable. Substitutions within the same company are welcome at any time.
- The organizers reserve the right to make changes in the program and/or speakers or to cancel sessions if conditions beyond its control prevail. Please check [www.wireless-congress.com](http://www.wireless-congress.com) for the latest conference information.
- Students: Students are granted a 50 % reduction, student ID required. Please submit by fax to + 49 (0) 89 255 56 0725 or by email to [VKoehler@weka-fachmedien.de](mailto:VKoehler@weka-fachmedien.de).
- Members of ZVEI, Bluetooth SIG, EnOcean, IP 500, IQRf, KNX, Weightless SIG and ZigBee Alliance receive a 10 % discount.
- For registrations of five persons and more from one company, please contact our conference department for special rates.
- For further details please find the detailed terms and conditions at [www.wireless-congress.com](http://www.wireless-congress.com).
- All fees excluded VAT.

### Venue:

Konferenzzentrum München, Hanns Seidel Haus, Lazarettstr. 33, 80636 Munich, Germany

### Contact:

Vanessa Köhler | Coordinator Conference Attendees  
 Phone: +49 (0) 89 / 255 56-1725  
 Email: [VKoehler@weka-fachmedien.de](mailto:VKoehler@weka-fachmedien.de)

Please send Fax-Registration to + 49 (0) 89 / 255 56-0725 or register online at  
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