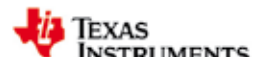


Venue:
 Konferenzzentrum München
 Hanns Seidel Haus
 Lazarettstrasse 33
 80636 Munich, Germany



List of Exhibitors & Sponsors: (as at August 10, 2011)



Organizers:

Organized by **Elektronik** in co-operation with **electronica** and **ZVEI:**

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Fax-Registration

Wireless Congress 2011: Systems & Applications

Congress Fees	by Sept. 12	after Sept. 12
One-Day (Nov. 9 or Nov. 10; Tutorial excluded)	395,00 €	445,00 €
plus 1 Tutorial (same day)	445,00 €	495,00 €
Full Conference (Tutorial excluded)	645,00 €	745,00 €
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Contact:



Katrin Scheinig
 phone: + 49 (0) 89 - 255 56-1725
 fax: + 49 (0) 89 - 255 56-0725
 email: KScheinig@weka-fachmedien.de
 www.wireless-congress.com

Terms and Conditions:

- The attendance fee includes proceedings, lunch and refreshments.
- You will receive a confirmation of your registration along with your invoice.
- Cancellations received in writing before or on October 19, 2011 will be subject to a service charge of EUR 50 for one-day registration and EUR 100 for two-days registration. For all cancellations received after October 19, 2011 the full congress fee remains payable. Substitutions within the same company are welcome at any time.
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- Students (student ID required, please submit by fax to + 49 (0) 89 - 255 56-0725 or by email to KScheinig@weka-fachmedien.de) receive a 50 % discount.
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Please note: In order to be registered you must include all required fields marked with an asterisk (*), properly completed. (A confirmation email will be sent to you)

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| <input type="checkbox"/> Only second Congress Day
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| | Tutorial November 9, 2011 - Day 1: | |
| | <input type="checkbox"/> Tutorial 1: Bluetooth Low Energy | |

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Please send Fax-Registration to + 49 (0) 89 - 255 56-0725
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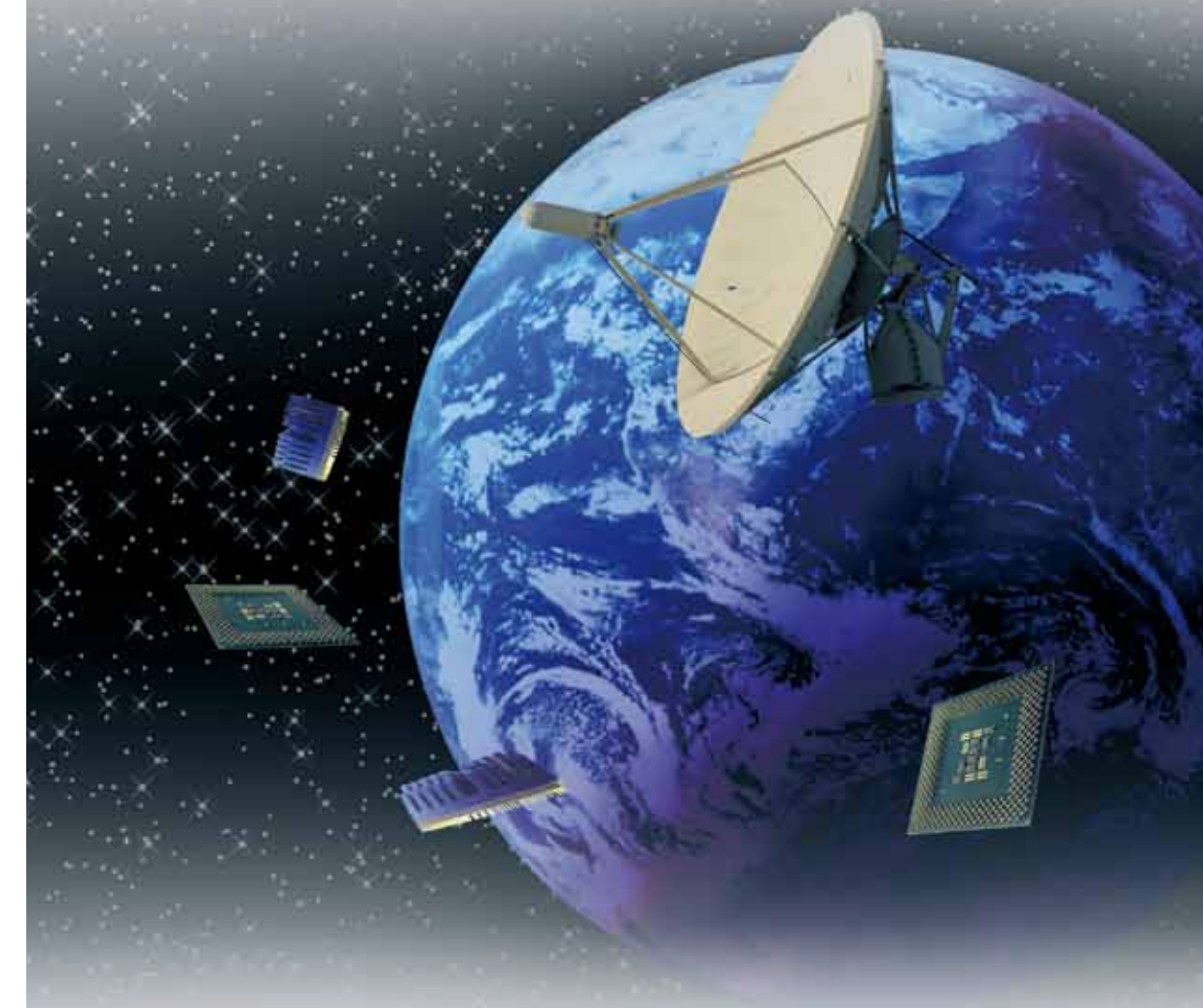
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2011 systems & applications

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2011 systems & applications



This year's Wireless Congress 2011: Systems & Applications will again be the international platform aimed at developers, system designers, technology decision-makers, project managers and wireless system authorities. The congress will illuminate all technical aspects of today's and tomorrow's wireless technologies, primarily for industrial use, and also offers insights into current applications, system design tips, technology enhancements, standards plus market opportunities.

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Focal themes of the half-hour presentations delivered on the two days of the congress will be Bluetooth technology, ZigBee applications, Industrial data and sensor networks, automotive wireless, energy saving and harvesting as well as High-speed Mobile Networks, health-oriented and medical applications, embedded wireless systems and UWB technology. Future technologies, application and market trends will also be highlighted. A Bluetooth low-energy tutorial will concentrate on technology fundamentals and practical application scenarios.

Day 1 – November 9, 2011

09:00-09:50	OPENING KEYNOTE: Mobile Broadband and The Cloud: Driving a Paradigm Shift in Content, Services, Applications and Business Models Dale Ford, iSuppli & Jagdish Rebello, iSuppli		
	Session 1: Bluetooth Technology I	Session 3: Embedded Wireless	10:00 -12:30 Tutorial 1: Bluetooth Bluetooth Low Energy- from the design goals and requirements to how it works Robin Heydon, CSR
10:00-10:30	Bluetooth Low Energy makes new applications possible Rolf Nilsson, connectBlue	Achieving best-in-class embedded WMBus subsystem Milen Stefanov, Texas Instruments	
10:30-11:00	Low Energy Standard and its implementation in Hard- and Software Rudi Latuske, ARS Software	Trends in Wireless Metering Reading: New Frequencies, Protocol Extensions and Field Tests Dirk Lill, Steinbeis Innovation Center Embedded Design and Networking	
11:00-11:30	Coffee, Exhibition, Networking		
	Session 1: Bluetooth Technology I	Session 4: UWB Technology	
11:30-12:00	Cascaded Signal Processing in Bluetooth Connections Marc Lepage, Frank Kettler, HEAD acoustics	Results of UWB coexistence measurements Prof. Dr. Axel Sikora, University of Applied Sciences Offenburg	
12:00-12:30	Indoor batteryless temperature and humidity sensor for Bluetooth Low Energy Prof. Dr. Marcel Meli, Zurich University of Applied Sciences	IEEE 802.15.4a IR-UWB Noncoherent receiver design and performance Olonbayar Sonom, IHP	
12:30-13:45	Lunch, Exhibition, Networking		
13:45-14:35	KEYNOTE: Bluetooth v4.0 has reached the market - how will it impact the wireless landscape? Anders Edlund, Bluetooth Special Interest Group		
	Session 2: Bluetooth Technology II	Session 5: Wireless Automotive	Session 7: Wireless Systems Technology & Trends I
14:45-15:15	Bluetooth Low Energy in Home Automation Christian Lührs, Stollmann E+V	Method for Increasing Distance in Wireless Remote Keyless Entry Systems Vivien Delpont, Cristian Toma, Microchip Technology	Wireless Sensor Networks for Environmental Monitoring Simon Gray, CSEM
15:15-15:45	Bluetooth Technology: Low Energy, High Impact Brian Senese, Sybase	Virtual key with NFC enabled car Luc Jansseune, Continental Automotive	IP based wireless networks for industrial automation Mike Ludwig, dresden elektronik
15:45-16:15	Coffee, Exhibition, Networking		
	Session 2: Bluetooth Technology II	Session 6: Health & Medical Wireless	Session 8: Wireless Systems Technology & Trends II
16:15-16:45	Connecting BT-LE sensors to the Internet using Ipv6 Johanna Nieminen, Nokia	Continua Health Alliance Certification and Regulatory Medical Approval of Wireless Enabled Medical Devices Jonathan Harros, Joe Lomako, TRaC	The LTE opportunity: Connected devices meet LTE Oliver Beaujard, Sierra Wireless
16:45-17:15	Help you bring your Bluetooth products to market Tomas O'Raghallaigh, Frontline Test Equipment	Bluetooth low energy extends fitness monitoring Roger Pedersen, Nordic Semiconductor	Reliable Radio-based Human Tracking in Hazardous Environments Andreas Fink, Rostock University
17:15-17:45	Proximity and Location: Beyond the check-in Sean O'Sullivan, Rococo Software	Smart RFID Solutions for Pharmaceutical and Medical Applications Matthias Flieger, University of Applied Sciences Saarbruecken	Wireless M-bus solutions on 169MHz Milena Milosevic, Telit Wireless Solutions

DAY 2 – November 10, 2011

	Session 9: Industrial & Wireless Sensor Networks I	Session 11: ZigBee Technology	Session 14: WLAN
09:00-09:30	No wiring constraints Dieter Schill, Dr. Sokwoo Rhee, Millennial Net	New Low-power Wireless Standards Expand Wireless Sensor Network Applications Joy Weiss, Dust Networks	WLAN 802.11ac - Introduction and first T&M solutions Dr. Wolfgang Wendler, Rohde & Schwarz
09:30-10:00	Experiences with New SubGHz-Narrowband Transceivers Martin Weinläder, IFA	ZigBee Networks for Data Communication in Machine Tools Dr. Jochen Immel, Marcus Schönherr, Leibniz Universität Hannover	
10:00-10:30	WirelessHART: are your devices in physical/economic reach? Bruno Forgue, ProSoft Technology; Dave Hannah, Emerson Process Management	Passing ZigBee Interoperability Tests – Experiences Menno Mennenga, Ventocom	Know your airspace - spectrum analysis Wolfram Maag, Cisco Systems
10:30-11:00	JenNet-IP -new open source standard for the Internet-of-Things Dr. Paul Chilton, NXP Semiconductors	tdb. Prof. Dr. Marcel Meli, Zurich University of Applied Science	
11:00-11:30	Coffee, Exhibition, Networking		
11:30-12:15	KEYNOTE: Close-up: Rapid ZigBee Adoption by Utilities Tobin Richardson, ZigBee Alliance		
12:15-13:30	Lunch, Exhibition, Networking		
13:30-14:20	PANEL DISCUSSION: The Cloud Is Here and Now: Where are the Opportunities? What are the challenges for the Wireless Industry Chairs: Dale Ford, iSuppli & Jagdish Rebello, iSuppli		
	Session 10: Industrial & Wireless Sensor Networks II	Session 12: 3G/GSM/4G/LTE	
14:30-15:00	Low-Power Wireless Technologies: A Quantitative Overview Lisa Arrowsmith, IMS Research	Mobile Broadband: Trends, Innovations, Roadmap and M2M Market Hamid-Reza Nazeman, Qualcomm	
15:00-15:30	WSAN-FA - wireless for factory automation Daniel Moerder, embeX	Augmented Reality: Status quo, application and market trends Thomas Nindl, Qualcomm	
15:30-16:00	Coffee, Exhibition, Networking		
	Session 10: Industrial & Wireless Sensor Networks II	Session 13: Energy Harvesting / Power Management	
16:00-16:30	Large RTLS Installations: Achievable Area Coverage Albrecht Rommel, Nanotron Technologies	Energy harvesting wireless technology as a bridge between smart metering and building automation Andreas Schneider, EnOcean	
16:30-17:00	Essential Criteria for the selection of GPRS Modules Walter Puhl, MSC	Power management solutions for M2M embedded wireless modules Paolo Nora, National Semiconductor	
17:00-17:30	FRAM Microcontrollers and their Benefits in Wireless Sensor Networks Volker Rzehak, Texas Instruments	Improve operating time of battery operated devices with new break through dynamic current characterization technology Carlo Canziani, Agilent Technologies	

Program Committee



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Program is subject to change