



# European ZigBee Developers' Conference

June 27-28 | 2012 | Munich | Germany

## Conference Program

### Wednesday, June 27, 2012

<b>Session 1: Introduction &amp; Architecture 1</b>		
09:30-10:00	Registration	
10:00-10:10	Welcome	Prof. Dr. Axel Sikora, HS Offenburg
10:10-11:00	ZigBee »Wireless Control That Simply Works«	Bob Heile, ZigBee Alliance
11:00-11:30	Coffee Break & Exhibition	
11:30-12:00	The ZigBee Architecture – An Introduction	Prof. Dr. Axel Sikora, HS Offenburg
<b>Session 2: Introduction &amp; Architecture 2</b>		
12:00-12:30	Developing ZigBee Business Cases	Tobin Richardson, ZigBee Alliance
12:30-13:00	ZigBee Application Profiles	Claudio Borean, Telecom Italia
13:00-14:00	Lunch Break & Exhibition	
<b>Session 3: Protocols and Certification</b>		
14:00-14:30	Adressing Interoperability Challenges for Wireless Sensor Networks	Simon McCarthy, Ember
14:30-15:00	Regulatory and Certification requirements for ZigBee Certified products	Jonathan Harros, TRaC
15:30-16:00	Strategies for Key update problem in ZigBee: A quantitative approach to security	Dr. Ender Yuksel, Technical University of Denmark
15:30-16:00	Coffee Break & Exhibition	
<b>Session 4: Commissioning &amp; Testing</b>		
16:00-16:30	Understanding ZigBee Network Deployment/Commissioning	Suyash Jain, Texas Instruments
16:30-17:00	Adding Over The Air data transmission in parallel to data analysis for complementing ZigBee modules and networks tests	Rubi Elbirt, Perytons
17:00-17:30	Common PC based ZigBee control platform	Mike Ludwig, dresden elektronik
17:30-18:00	Developing and Testing WSN Applications	Menno Mennenga, Ventocom
18:00-20:00	Dinner & Networking	

subject to change

[www.zigbee-devcon-europe.de](http://www.zigbee-devcon-europe.de)



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### Thursday, June 28, 2012

<b>Session 5:</b>	<b>Applications 1 - Smart Phone &amp; Gateway</b>	
09:00-09:30	Smart Home from Smart Phone	<b>Nandita Nath</b> , MindTree
09:30-10:00	Complementary ZigBee to IP gateway and management tools	<b>Milena Milosevic</b> , Telit Wireless Solutions
10:00-10:30	MANET with ZigBee Technology Used on Sensor Embedded Mobile Phone for Rescue	<b>Karima Maach</b> , University of Genoa
10:30-11:00	Coffee Break & Exhibition	
<b>Session 6:</b>	<b>Applications 2 - Health Care Monitoring</b>	
11:00-11:30	Experience of implementing an integrated telehealth and telecare monitoring platform using the ZigBee Health Care and IEEE 11073 PHD	<b>Malcolm Clarke</b> , Brunel University
11:30-12:00	The ZigBee Healthcare Profile - From Standard to Product	<b>Jonathan Harros</b> , TRaC
12:00-12:30	An advanced Health Monitoring System based on ZigBee to assist Parkinson's disease patients	<b>Pierangelo Garino</b> , Telecom Italia
12:30-13:00	Experiences with a telecare platform integration ZigBee sensors into a middleware platform	<b>Daniel Jäckle</b> , Steinbeis Innovation Center
13:00-14:00	Lunch Break & Exhibition	
<b>Session 7:</b>	<b>System Design &amp; Low Energy</b>	
14:00-14:30	Using FRAM in battery-less 802.15.4/zigBee applications	<b>Marcel Meli</b> , ZHAW (InES)
14:30-15:00	Embedded Thermoharvesting - Is Lifelong Maintenance-Free Energy a Real Opportunity?	<b>Burkhard Habbe</b> , Micropelt
15:00-15:30	Optimizing Battery Operating Time of Wireless Devices	<b>Carlo Canziani</b> , Agilent Technologies
<b>Session 8:</b>	<b>Applications 3 - Lighting and Energy Monitoring</b>	
15:30-16:00	Wireless Control Systems for Smart Lighting	<b>Colin Faulkner</b> , NXP Semiconductors
16:00-16:30	Development of a ZigBee Based Energy Demand Management System	<b>Padraig Curren</b> , Endeco Technologies
16:30-17:00	Coffee Break & Exhibition	
<b>Session 9:</b>	<b>System Design &amp; Performance</b>	
17:00-17:30	ZigBee extension to support Non-Intrusive Appliance Load Monitoring (NIALM) is targeting increased energy efficiency	<b>Prof. Alexander Klapproth</b> , Lucerne University of Applied Sciences
17:30-18:00	Radio range in buildings and apartment houses	<b>Magnus Bolmsjö</b> , Lund Science
18:00-18:30	IEEE802.15.4/ZigBee Products – Design characteristics & platform criteria's for sustainable and scalable solutions	<b>Thomas Lerm</b> , AN Solutions

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**Fax-Registration**

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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)*

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

\_\_\_\_\_  
Jobtitle \*                      Company \*                      Student

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

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

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

**I want to register for: \***

- Full Conference
- Only first Conference Day
- Only second Conference Day

**Day 1:**

- Session 1: Introduction & Architecture 1
- Session 2: Introduction & Architecture 2
- Session 3: Protocols and Certification
- Session 4: Commissioning & Testing

**Day 2:**

- Session 5: Applications 1 - Smart Phone & Gateway
- Session 6: Applications 2 - Health Care Monitoring
- Session 7: System Design & Low Energy
- Session 8: Applications 3 - Lighting and Energy Monitoring
- Session 9: System Design & Performance

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

**European ZigBee Developers' Conference**

Conference Fees	by May 15	from May 16
Only first Conference Day	325,-	375,-
Only second Conference Day	325,-	375,-
Full Conference	590,-	675,-

**Terms and Conditions:**

1. The attendance fee includes proceedings, lunch and refreshments.
2. You will receive a confirmation of your registration along with your invoice.
3. Cancellations received in writing before or on June 6, 2012 will be subject to a service charge of EUR 50 for an one-day registration or EUR 100 for a two-days registration. For all cancellations after June 6, 2012 the full conference fee remains payable. Substitutions within the same company are welcome at any time.
4. The organizers reserve the right to make changes in the program and/or speakers or to cancel sessions/tutorials if conditions beyond its control prevail. Please check [www.zigbee-devcon-europe.de](http://www.zigbee-devcon-europe.de) for the latest conference information.
5. Students receive a 50 % discount (student ID required, please submit by fax to + 49 (0) 89 255 56 0725 or by email to KScheinig(at)weka-fachmedien.de).
6. ZigBee Alliance Members receive a 13 % discount.
7. For registrations of five persons and more from one company, please contact our conference department for special rates.

All prices excluded VAT.

**Please send Fax-Registration to + 49 (0) 89 – 255 56 0725**