

Program Day 1 | Wednesday | July 12, 2017

09:00-09:05	Opening of the Wireless Power Congress		
09:05-09:30	Keynote: Challenges in Mass-market Application of Wireless Power Transfer		Menno Treffers, The Wireless Power Consortium
Session 1: Industry I			
09:30-10:00	No Limits – Driving the Evolution of Wireless Charging for Laptops, Power Tools and the IoT		Vaclav Halbich, NXP Semiconductors
10:00-10:30	Wireless Power – A View From the Other Side of the Chasm		Laurence McGarry, Integrated Device Technology
10:30-11:00	Business Break		
11:00-11:30	Topology Study for an Inductive Power Transmitter for Cordless Kitchen Appliances		Mahesh Itraj, Philips Consumer Lifestyle
11:30-12:00	High Power Transfer for Wireless Power Industrial Applications		Jelena Mijuskovic, Würth Elektronik eiSos
12:00-12:30	Wireless Power Solutions in the 20W and 40W Arena		Johannes Fottner, Semtech Germany
12:30-13:30	Business Lunch		
Session 2: Industry II		Session 4: Technology I	
13:30-14:00	Selecting the Right Inductor for Wireless Power Transfer	Cem Som, Würth Elektronik eiSos	Maximum Efficiency in Non-Radiative Wireless Power Transfer Dr. Konstantin Kanelis, European Patent Office
14:00-14:30	How to achieve the highest Energy Density in small Form Factor Battery	Matthias Dorsch, VARTA Microbattery	Efficiency Enhancement of High Q Energy Harvesting Networks Christian Merz, Technische Hochschule Deggendorf
Session 3: Medical			
14:30-15:00	Adaptive Very High Frequency Wireless Power Transfer Systems for Biomedical Brain Implants	Sebastian Stöcklin, Albert-Ludwigs-Universität Freiburg	Comparison on Powering Passive RFID Transponder by Varying Datarates, Modulation Schemes and Modulation Indexes Peter Kuhn, Fraunhofer IMS
15:00-15:30	Wireless Power for Medical Applications with Loose Coupling	Markus Rehm, Dr. Thomas Wille, IBR Ingenieurbüro Rehm	Converter and System Topologies and implementation to achieve high power (150W to 2.5kW) wireless power transfer Dr. Paul Mitcheson, Imperial College London
15:30-16:00	Business Break		
Tutorial		In-Booth Presentations	
16:00-17:30	How to Integrate Wireless Power in my Device Using the Würth Elektronik Wireless Power Design Kit	Cem Som, Würth Elektronik eiSos Winfried Bilgic, ROHM Semiconductor Jörg Hantschel, Würth Elektronik eiSos	16:00-16:20 Wireless power transfer for smart home appliances Dr. Peter Hao, Shanghai Chushan Technology
	The attendees will learn about the features of the design kit and how design and placement of the receiver coil impacts the system performance. Each attendee of this workshop will receive a Wireless Power Design Kit.		A dedicated session on the first day of the Wireless Power Congress is reserved for presentations of products and solutions by exhibitors, directly at their booth.
17:30-19:00	Evening Mixer - Network in a relaxed, friendly atmosphere in our exhibition area. These event is a great way to meet other attendees, exhibitors and speakers and discuss new developments and businesses. The mixer is open and free to all attendees, exhibitors and speakers. Appetizers will be provided.		

Program Day 2 | Thursday | July 13, 2017

09:00-09:30	Keynote: Wireless Power Transfer – What Will Be the Future?	Jörg Hantschel, Würth Elektronik eiSos
Session 5: Automotive		
09:30-10:00	Wirelessly Charged Autonomous Vehicles Will Mobilize the Smart City	Peter Wambsganß, WiTricity
10:00-10:30	The Future of Urban Mobility is Autonomous, Connected, Electric and Wireless	Thomas Nindl, Qualcomm Halo
10:30-11:00	Business Break	
11:00-11:30	Analysis and Design of Inductive Power Transfer Systems for Automotive Battery Charging Applications	Dr. Wahab Ali Shah, Huazhong University of Science & Technology
11:30-12:00	A State of the Art Review on Wireless Power Transfer a Step towards Sustainable Mobility	Zeeshan Ahmad Khan, Technical University Munich
12:00-12:30	Optimized EMF Design of a High Power Air Gap Transformer with large secondary Displacement	Robert Czainski, Bombardier PRIMOVE
12:30-13:30	Business Lunch	
Session 6: Technology		
13:30-14:00	Broadband Electromagnetic Material Characterization for the Design of a Wireless Power and Data Link	Christian Reinhold, ifak e.V. Magdeburg / Phoenix Contact Stiftung
14:00-14:30	Power Measurements in a Wireless Power Transfer (WPT) System	Laurens Swaans, nok9
14:30-15:00	Development of a Wireless Power Transmission for a Revolving, Reversing Toothed Belt	Stefan Keil, Fraunhofer IWU
15:00-15:30	Design and Evaluation of a Resonant DC-DC Converter for Wireless Battery Charging Applications	Nilton Spagnol Trento, Federal University of Technology of Parana
15:30-16:00	Business Break	
16:00-16:30	Magnetizable concretes to Boost up Wireless Power Transmission	Mauricio Esguerra, MAGMENT
Session 7: Compliance		
16:30-17:00	Is there any Risk Related Inductive Charging with High Power and Frequencies above 30 KHz up to 10 MHz?	Werner Grommes, Institute for Research and Testing of the German Social Accident Insurance (DGUV/IFA)
17:00-17:30	ISO - Accuracy and Traceability for the Development of Wireless Power Transfer (WPT) Systems	Lukas Leander, nok9
17:30-18:00	Approval of WPT-Systems according to EMV-Directive and new RED-Directive	N.N.

Exhibitors & Sponsors (June 20, 2017):



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Registration I Fill in, send, take part.

Please note: In order to be registered you have to fill in all required fields marked with an asterisk *.
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I want to register for:

Day 1 (July 12)

- Session 1: Industry I
- Session 2: Industry II
- Session 3: Medical
- Session 4: Technology
- Tutorial

Day 2 (July 13)

- Session 5: Automotive
- Session 6: Technology
- Session 7: Compliance

Last Name *	First Name *	Mr./Ms./Title *
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Phone *	Email *	
Purchase order number / Tax ID number etc.		
Date / Signature *		

Want to state a different billing-address?

Type it easily by registering online: www.wireless-power-congress.com/registration

Congress Fees	
One-Day (July 12 or 13)	455,- EUR
Full Conference (July 12 and 13)	755,- EUR
Day 1 + Tutorial (July 12)	604,- EUR
Full Conference + Tutorial (July 12 and 13)	904,- EUR

All fees plus VAT.

Terms and Conditions: For further details please find the terms and conditions at www.wireless-power-congress.com.

- 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 until June 22, 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 from June 23, 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-power-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 - 0155 or by email to JHeger@weka-fachmedien.de.
- 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-power-congress.com.
- All fees excluded VAT.

Venue:

Konferenzzentrum München, Lazarettstrasse 33, 80636 München, Germany

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**Please send Fax-Registration to + 49 (0) 89 / 255 56 – 0155
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