



**The Annual Highlight  
of the Wireless Community!**

**Wireless Congress 2018:  
Systems & Applications**

**November 14 – 15, 2018  
Munich | Germany**

**[www.wireless-congress.com](http://www.wireless-congress.com)**

## Call for Papers & Workshops

**15 years of wireless experience.** In 2004 the Wireless Congress: Systems & Applications started in parallel to electronica. Today the Wireless Congress: Systems & Applications is one of the major meeting places for the wireless community, providing the well-established platform for wireless professionals – researcher, developer and application engineers – and the forum of excellence for exchange of knowledge and experience.

Celebrating the 15th anniversary, we will look ahead to **new wireless technologies**, like **5G** and **intelligent tactile systems** and the application practice of **advanced wireless systems**, like **Low Power Wide Area Networks**, **Bluetooth mesh**, etc. Today, wireless professionals can choose the best fitting wireless technology for their application from a cornucopia of competing or complementary wireless technologies. But they have to balance cost, complexity, performance, reliability and quality of service in real world environments.

The technical journal *Elektronik*, as well as Messe München – organizers of the electronica trade fair – and the German Electrical and Electronic Manufacturers' Association (ZVEI), are therefore staging the 15th Wireless Congress: Systems & Applications on November 14-15, 2018 in Munich.

**The program committee of the Wireless Congress invites you to submit proposals for speaking opportunities (presentations, approx. 30 min) and workshops or tutorials (1.5 – 3 h). In addition, we warmly invite academia to give an insight into their future-driven research.**

**Presentations are to be held in English.** Contributions shall cover fundamentals, actual trends, technologies, applications, standardization, certification and estimations of the market. Workshops will deal with basic themes and last 1.5 h to 3 h. All contributions shall be purely technical and practice-oriented. Marketing-oriented papers will not be considered. All submissions will be reviewed and judged by the program committee.

**The papers will be published in the »Proceedings of the Wireless Congress 2018: Systems & Applications«, ISBN 978-3-645-50175-0. Each paper will be scientifically referenced with page numbers. It will also be possible to provide a short paper only (1 to 3 pages) to complete the presentation slides instead of a full paper.**

Organized by:

**Elektronik**



**electronica**

**ZVEI:**  
Die Elektroindustrie

**...Deadlines and Topics**

**Topics of interest include, but are not limited to, trends, design, technology and applications in the following sectors:**

- **Wireless Automation & M2M**
- Wireless Sensor Networks
- 4G, 5G Trends & Developments
- **Automotive** Wireless
- **Low-Power Wireless** Systems
- Energy Harvesting for Wireless Systems
- Cognitive Radio: Trends & Technology
- Software defined Radio
- Wireless **Internet of Things**
- Health & Medical Wireless Applications
- Wireless for Industrial Use
- SRD/ISM-Radios
- **Tactile Internet**
- Integration of Wireless into Legacy Industrial Systems
- Wireless Systems – Standardization, Qualification & Certification
- **Interoperability & Coexistence** of Wireless Sensor Networks & Systems
- **Security Threats & Countermeasures** in Wireless Developments & Deployments
- Localization & Location Based Services
- EMC & Interoperability Problems
- Wireless Test and Measurement
- Wireless Technology for **Real Time** Applications
- RF Semiconductors & Components Technologies
- RF Design Technologies for Wireless Frontends & Transceivers
- Antenna Systems and Antenna Design
- Gateways & Middleware for Wireless Networks
- Integration of Wireless into Backend Systems
- **Seamless Management** of Wireless Networks
- **Other topics out of the wide field of »Wireless Technologies«**

**In parallel, we plan to offer specific technology tracks and workshops for in-depth information about the leading wireless standards and technologies.**

**Please submit your proposal online under:** [www.wireless-congress.com](http://www.wireless-congress.com)

We are looking forward to your submission!



Prof. Dr.-Ing. Dipl.-Ing.  
Dipl. Wirt.-Ing.  
**Axel Sikora**  
Scientific Advisor



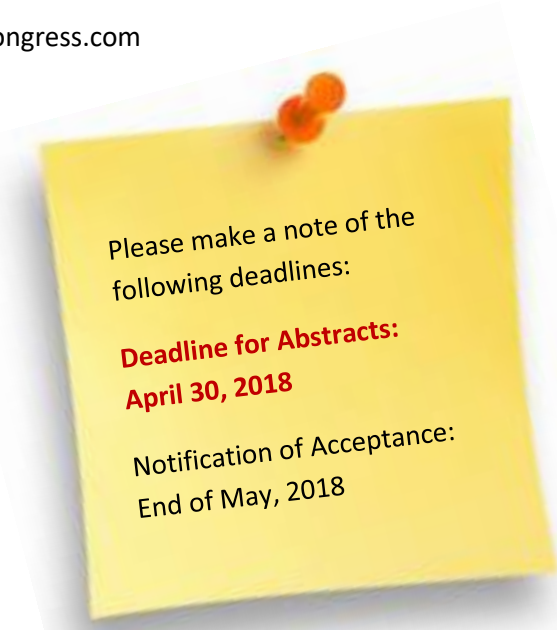
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Please make a note of the following deadlines:

**Deadline for Abstracts:**  
**April 30, 2018**

Notification of Acceptance:  
End of May, 2018