



wireless**CONGRESS**

systems & applications

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

**Wireless Congress 2019:
Systems & Applications**

**October 22 – 23, 2019
Munich | Germany**

CALL FOR PAPERS

**Submit Your Abstract By
APRIL 30, 2019!**

www.wireless-congress.com

Call for Papers & Workshops

2019 will be the year of **cellular Internet of Things (IoT)** and **Low Power Wide Area Networks (LPWAN)**. With **ultra-reliable low-latency communication (URLLC)** and **massive Machine Type Communication (mMTC)**, manifold industrial use cases will be addressed. By supporting also **private local networks**, 5G promises to offer alternatives to existing industrial wireless technologies. Nevertheless, new, improved technologies are also being developed in the ISM and SRD bands.

Major topics in this context are **new wireless technologies**, like **5G/6G, eMMB, mMTC, URLLC, resilient networks, Information-centric networking, next gen LPWAN**, etc., the use of Artificial Intelligence (**AI**) in **communication networks** and the application of **advanced wireless systems** in the industry.

The technical journal *Elektronik*, the Messe München – organizers of the electronica trade fair – and the German Electrical and Electronic Manufacturers' Association (ZVEI), are therefore staging the Wireless Congress: Systems & Applications on October 22-23, 2019 in Munich.

The program committee of the Wireless Congress invites all experts in this field to submit proposals for presentations (approx. 30 min) and workshops or tutorials (1.5 – 3 h). Furthermore, we warmly invite representatives of academia to give an insight into their future-driven and application-oriented research.

Presentations are to be held in English. Contributions shall cover fundamentals, recent trends, technologies, applications, standardization, certification and market forecasts. All contributions shall be purely technical and practice-oriented. Marketing-oriented papers will not be accepted. All submissions will be reviewed and carefully selected by the program committee.

The papers will be published in the »Proceedings of the Wireless Congress 2019: Systems & Applications«, ISBN 978-3-645-50184-2. Each paper will be scientifically referenced with page numbers. It also will be possible to provide a short paper only (1 to 3 pages) to complement the presentation slides instead of a full paper.

Organized by:

Elektronik

 **electronica**

ZVEI:

...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, mMTC**
- **4G, 5G and 6G: Products, Trends & Developments**
- **Tactile Internet, VR/AR, URLLC, eMMB**
- **Low Power Wide Area Networks**, e.g. LoRa/LoRaWAN, Sigfox, Mioty, NeoCortec, ...
- **Automotive Wireless**
- **Low-Power Wireless Systems**
- **Artificial Intelligence** in Communication 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**
- **Integration of Wireless into Legacy Industrial Systems**
- **Wireless Systems – Standardization, Qualification & Certification**
- **Smart Cities & Metering Applications**
- **Security Threats & Countermeasures** in Wireless Systems
- **Localization & Location Based Services**
- **EMC & Interoperability Problems**
- **Wireless Test and Measurement**
- **Wireless Technology for Real Time Applications**
- **RF Semiconductors & Components**
- **Frontends & Transceivers**
- **Antenna Design**
- **Gateways & Middleware for Wireless Networks**
- **Integration of Wireless into Backend Systems**
- **Seamless Management** of Wireless Networks
- **Emerging Technologies, e.g. Resilient Networking, Information Centric Networks (ICN)**
- **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**

We are looking forward to your submission!



Prof. Dr.-Ing. Dipl.-Ing.
Dipl. Wirt.-Ing.
Axel Sikora
Hochschule Offenburg
Hahn-Schickard
Scientific Advisor



Dipl.-Ing.
Harry Schubert
Editor, Elektronik

Contact:

Katrin Scheinig | Event Manager

Phone: +49 (0) 89 25556 – 1062

Email: kscheinig@weka-fachmedien.de

DEADLINES

Abstract Submission: April 30, 2019

Notification of Acceptance: End of May, 2019

Paper & Presentation: September 17, 2019



WEKA FACHMEDIEN GmbH
Richard-Reitzner-Allee 2
85540 Haar, Germany