


CALL FOR PAPERS

Deadline
MAY 17
2024

wireless**CONGRESS**
systems & applications

Nov 13-14, 2024 | Munich, Germany
parallel to  **electronica**

Matter is gaining momentum, **Wi-Fi 7** will accelerate high-bandwidth applications and **6G** development is in its early stage. Can Matter keep its promise to ensure universal compatibility? How relevant is Wi-Fi for industrial applications? In which way will 6G evolve? This is just a small selection of possible topics that could be discussed at the Wireless Congress.

In a world that is more mobile than ever before, wireless technologies are subject to constant further development. **Co-located with electronica fair**, the Wireless Congress is the ideal platform for the exchange of experiences and expertise on these technologies. It offers the opportunity for international networking and meetings with recognised experts.

The technical journal Elektronik, the Messe München, organizers of the electronica trade fair and the Electro and Digital Industry Association (ZVEI), are therefore staging the **21st Wireless Congress: Systems & Applications** on **November 13th and 14th, 2024** in Munich, Germany.

With the 21st congress program, we will continue to provide information on novel wireless technologies and applications. We are very much looking forward to your interesting submission and to meeting you in Munich at the Wireless Congress 2024!

TOPICS OF INTEREST INCLUDE, but are not limited to trends, design, technology and applications in the following sectors:

Technologies

- Cellular Communication (5G, 6G and beyond)
- Low Power Wide Area Networks (LPWAN)
- Software Defined Networking (SDN)
- AI in Communication Systems
- Emerging Technologies, e.g. Resilient Networking, Information Centric Networks
- Real Time Applications, Wireless TSN
- Software Defined Radio and Cognitive Radio
- Frontends, Transceivers and Antenna Design
- RF Semiconductors and Components
- Wireless Sensing, Radar (mmWave, THz)
- EMC and Interoperability
- Wireless Test and Measurement
- Energy Harvesting for Wireless Systems

Standards as of Today and of Tomorrow

- 5G, 5.xG, and 6G, 6LoWPAN, Ant, Bluetooth, DECT and NR+ (DECT-2020), EnOcean, IO-Link Wireless, IP 500, IQRf, KNX RF, LiFi, LoRa/LoRaWAN, Matter, mioty, NB IoT, NeoCortec, NFC, Sigfox, Thread, ULE, UWB, Wi-Fi, Wireless M Bus/OMS, Wirepas, Zigbee, Z-Wave, etc.
- Standardization, Qualification, Certification and Compliance, Regulatory Issues

Applications

- Wireless for Industrial Use, Automation, M2M
- Smart Factory, Smart City, Smart Home and Metering
- Retrofit Wireless Integration in the Industry
- Tactile Internet, VR/AR, URLLC, eMMB
- Automotive Wireless
- Radio Access Systems
- Wireless Internet of Things
- Health and Medical Wireless
- Localization and Location Based Services

Systems

- Campus Networks
- Mobile Edge Computing
- (Ultra) Low-Power Wireless Networks
- Wireless Sensor Networks, mMTC
- Security Threats & Countermeasures in Wireless Systems
- Gateways and Middleware for Wireless Networks
- Integration of Wireless into Backend Systems
- Seamless Management of Wireless Networks
- Sustainability and Green ICT



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www.wireless-congress.de

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