

Press information

5G becomes 5G++: IEEE 5G Summit Dresden moves online for the first time



From 29th September to 1st October the summit on the latest wireless communications standard will take place online. Attendance is free of charge.

Dresden, 22nd September 2020 – Throughout the past four years, the annual IEEE 5G Summit hosted by the 5G Lab Germany attracted numerous international guests from industry and academia to Dresden. In 2020, the world-renowned high-level meeting will take place virtually for the first time. In Dresden, the cradle of the 5G standard, researchers, developers and entrepreneurs will exchange information on the possible applications of the latest generation of wireless communication.

Whether as a virtual demo, short video clip or livestream - on three days visitors will experience exciting discussions among top-class representatives from academia and industry. The main topics cover the future of hardware & wireless, campus networks and verticals. A highlight will be the panel discussion on the use of 5G in the context of the current corona tracing apps.

IEEE 5G Summit - digital and networked

Due to Corona, this year's IEEE 5G Summit converted to the 5G++ Online Summit. Interested parties will find further information [here](#). Via chat, participants can ask their questions in Q&A sessions and are actively involved in the panels. The 5G Lab Germany is looking forward to welcoming participants in-person in

Dresden again next year. The 5th IEEE 5G Summit Dresden will take place on May 5, 2021 at the Messe Dresden.

5G Lab Germany sets new standards

"The fifth-generation wireless communications standard will have a decisive influence on our lives. Markets such as Industry 4.0, Mobility Systems, Smart Health, as well as autonomous agriculture and construction businesses will benefit from the advantages of the tactile Internet, with latencies of less than one millisecond," says Prof. Dr. Gerhard Fettweis, Vodafone Chair Professor at TU Dresden.

Together with Prof. Frank Fitzek, he founded the 5G Lab Germany, where research on the successor generation 6G is already underway. One of the network's projects sets up measuring devices designed to develop microchips for the sixth generation wireless communications standard. The question "Will there be 6G?" will also be addressed by experts at the 5G++ Summit Dresden. Thus, topics and discussions at this year's summit go far beyond the existing 5G standard. To reflect the constant expansion of the standard (releases), the organizers have chosen the title "5G++".

Dresden is global 5G hotspot

At the TU Dresden, 20 faculty members and more than 600 researchers are currently working on the future of wireless communications. They are supported by an excellent network of cooperation partners from the private sector. 5G is already in practical use in numerous companies in Dresden, including internationally renowned corporations such as Bosch and Infineon, which will report first-hand on the successful use of 5G at the event.

"The close collaboration between businesses and academia taking place in Dresden brings groundbreaking technologies such as 5G to market readiness," said Dr. Robert Franke, head of Dresden's investment promotion agency. As part of this year's "Tomorrow's Home" campaign, the Saxon state capital highlights that the city is one of the leading European centres in fields such as 5G, robotics, industry 4.0 or IoT.

With its Technische Universität Dresden not only stands for an important research centre of the 5G network, but it is also an international meeting place for debate and networking. With meetings such as the IEEE 5G Summit Dresden, the world's largest 5G event of its kind, the city on the banks of the river Elbe has a strong international reputation for promoting partnerships between research and industry.

To [online registration](#)

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About the IEEE 5G Summit Dresden

The IEEE 5G Summit Dresden annually brings together industry leaders, innovators and researchers from industry and academia to exchange ideas that help drive standards and the rapid adoption of 5G technology. The Summit has been taking place in Dresden for four years. Due to the current circumstances, this year, it will be held online for the first time. Initiator of the IEEE 5G++ Summit Dresden is the 5G Lab Germany of the TU Dresden

About "Dresden Tomorrow's Home

In order to raise the international recognition of the innovative power in the Saxon metropolis, the City of Dresden Economic Development Agency and Dresdner Marketing GmbH (DMG) have launched the campaign "Tomorrow's Home". It aims to strengthen the city on the Elbe as a location for business and science. A website and social media channels on LinkedIn and Facebook accompany the campaign. Further information is available at: www.dresden.de/tomorrowshome