



CALL FOR PAPERS

ICULLUHLWC 2022
Apr 29-30, 2022
Jerusalem, Israel

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICULLUHLWC 2022 : International Conference on Ultra-Low Latency and Ultra-High Reliability in Wireless Communications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Ultra-Low Latency and Ultra-High Reliability in Wireless Communications. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Latency and/or reliability requirements of future application domains
Means to reduce end-to-end latency and/or introduce higher reliability in either legacy systems or in 5G cellular communications
Air interface and signal processing concepts
Device-to-device / vehicle-to-vehicle communications, vehicle-to-infrastructure
Advanced radio resource management techniques
Redundant or multi-point transmission, multi-point connectivity

Novel approaches towards session management and protocol stack
Network infrastructure and core network concepts
Cloud-RAN concepts in the context of latency- or reliability-critical applications
Architectural enablers for distributed or edge computing
Fundamental trade-offs between latency, reliability and other KPIs in wireless communications
Technical solutions to allow for a co-existence of traffic with stringent latency/reliability requirements and other traffic