IEEE MENACOMM 2021

3rd IEEE Middle East & North Africa Communications Conference
Virtual Edition
03 - 05 December 2021 // Agadir, Morocco

CALL FOR PAPERS

The 2021 IEEE Middle East & North Africa COMMunications Conference (MENACOMM 2021) will be a VIRTUAL gathering on 03 -05 December 2021 in Morocco. IEEE MENACOMM 21 conference is technically co-sponsored by IEEE ComSoc chapters consortium (Bahrain, Jordan, Lebanon, Saudi Arabia, Tunisia, Oman, Iraq, and Morocco). The conference is organized and sponsored by IEEE Communications Society Morocco Chapter (IEEE Morocco ComSoc). MENACOMM 2021 is managed by a steering committee with representatives from all technical co-sponsor MENA ComSoc chapters. IEEE MENACOMM 2021 aims to bring together researchers, developers and practitioners interested in the advances of modern telecommunication systems, networks, and emerging ICT technologies, to present their latest research findings and results. The conference focuses on various aspects of 5G communications and networks. The conference will include a peer-reviewed program of technical sessions, special sessions, and exhibition.

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PAPER SUBMISSION

Paper submission Deadline
~~14 June 2021~~ 15 November 2021

Notification of Acceptance
20 November 2021

Camera Ready Submisson
23 November 2021

Conference website:
menacomm2021.ieee-menacomm.org
Paper Submission: edas.info/N28275
For any enquiries: info@ieee-menacomm.org

Submission of full papers is to be done via EDAS, accepted and presented papers will be published in the conference proceeding and submitted to

CONFERENCE TOPICS

Track 1: Emerging Technologies and Future Trends
• 5G and Beyond (B5G)
• 6G Vision
• IoT Applications, Services and M2M Communications
• Smart Cities
• Cooperative, device-to-device and multi-hop communication
• Vehicular Networks and V2X Communications
• Intelligent transportation systems
• Green Communications and Energy Efficient Computing
• Cognitive Radio, Spectrum Sensing and Software Defined Radio
• Context and location-aware wireless services and applications
• Wireless body area networks and e-health services
• Energy efficient and energy harvesting systems

Track 2: Physical Layer and Fundamentals
• Millimeter waves, Ultra-Wideband and Sub-THz communication
• Massive MIMO and Beamforming Techniques
• Channel modeling, characterization and estimation
• OFDM, multi-carrier modulation, waveform design
• Modulation, coding, diversity, equalization, synchronization
• Radio Resources and spectrum management
• Interference modeling, management, cancellation and alignment
• Electromagnetics, Antennas and Wave Propagation
• Optical Networks, Photonics and Systems, Radio over Fiber
• IoT and Sensor Networks
• Microwave Engineering and RF Design.
• Image, Speech and Signal Processing
• Deep Learning for Communications
• Smart grids, power line Communications

Track 3: Network, MAC and Cross layer Design
• Network security and Privacy
• Blockchain, Trust and Encryption
• Big Data and network data analytics
• AI and Machine Learning for Communications
• Semantic Web, Ontologies, Social Networks and Tactile Internet
• Cloud Computing and Distributed systems and Data-center Networks
• Network coding and Network
• Ad Hoc, Rely and Sensor Networks Management
• MAC and QoE/QoS Support and Cross-Layer Optimization
• Communications Reliability and Modeling
• Virtual network management and orchestration
• Routing protocols in wireless networks
• Self-Organized Networking
• Mobility, location, and handoff management
• Multimedia QoS and traffic management
• Wireless broadcast, multicast and streaming
• Networks measurements and characterization

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