IEEE MENACOMM 2024

5th IEEE Middle East & North Africa COMMunications Conference
Breaking Boundaries: Pioneering the Next Era of Communication
24-26 October 2024 // Byblos Lebanon
Lebanese American University (LAU)

Call for Papers

The IEEE Middle East & North Africa COMMunications Conference (MENACOMM) is a leading conference in the MENA region covering the Next Era of Communication technologies, applications and services. The 5th edition of IEEE MENACOMM will be held on 24-26 October 2024 in the Lebanese American University (LAU) at the heart of the beautiful city of Byblos in Lebanon. The conference will be part of the centennial celebrations at LAU. You are invited to submit original papers in the topics that include but are not limited to:

Track 1: Physical Layer and Fundamentals

–Channel modelling, characterization and estimation.
–Modulation, coding, diversity and equalization.
–Multi-carrier modulation and waveform design.
–Interference modelling, cancellation and alignment.
–MIMO and massive MIMO.
–Non-orthogonal multiple access (NOMA).
–Cognitive radios and spectrum sensing.
–Ultra-wideband, mmWave and sub-THz communication.
–Physical layer security.

Track 2: Wireless Networks, Connectivity, Security and Privacy

–Fog computing and networking.
–Mobile edge and cloud computing.
–Software-defined networks.
–Wireless network functions virtualization.
–IoT and sensor networks.
–Wireless network security and privacy.
–Routing and congestion control in wireless networks.
–Wireless networking for autonomous vehicles.
–Energy harvesting wireless networks.

Track 3: Emerging Communication Technologies

–5G, Beyond 5G and 6G.
–Arial and non-terrestrial communications.
–Wireless body area networks and e-health services.
–Energy efficient and energy harvesting systems.
–Joint Radar, Sensing and Communications.
–Visible Light and Optical Communication.
–Reconfigurable Intelligent Surfaces.
–Blockchain and Cryptography.
–Quantum Communications.
–Full-duplex communication networks.

Track 4: Machine Learning and Optimization for Wireless Systems

–Deep Learning for Wireless Systems.
–Reinforcement Learning for Wireless Systems.
–Distributed Learning for Wireless Systems.
–Unsupervised and Generative Model.
–Data-driven Network Modeling and Optimization.
–Bayesian Optimization for Wireless.
–Convex and Non-Convex Optimization for Wireless.
–Game-Theoretic Approaches to Wireless.

Paper Submission

Submission of full papers is via EDAS. Accepted and presented papers will be published in the conference proceeding and submitted to IEEEXplore (SCOPUS indexed) subject to IEEE approval.

Conference website: https://menacomm.org

For inquiries: info@menacomm.org

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Important Dates

Paper Submission Deadline:
June 15, 2024
Notification of Acceptance:
August 15, 2024
Camera-Ready Submission:
September 03, 2024