



IEEE MENACOMM 2022



**4th IEEE Middle East & North Africa
Communications Conference**
6-8 December 2022 , Amman, Jordan
Advancing the Communication Vision

CALL FOR PAPERS

The IEEE Middle East & North Africa COMMUNICATIONS Conference (MENACOMM) is a leading conference in the middle east and north Africa region dedicated to the telecommunication field in collaboration with IEEE R8 and MENA region ComSoc chapters. The conference will include a peer-reviewed program of technical sessions, special sessions and exhibitions. The MENACOMM will be held on 6-8 December 2022 in Amman, the vibrant capital of the Hashemite Kingdom of Jordan. You are invited to submit technical papers, submitted via EDAS, in the topics not limited to the tracks below:

IMPORTANT DATES
Paper Submission Deadline
7 November 2022
Notification of Acceptance
21 November 2022
Camera-Ready Submission
27 November 2022

TECHNICAL TRACKS

- **Track 1: Physical Layer and Fundamentals:**
 - o Channel modeling, characterization and estimation.
 - o Modulation, coding, diversity and equalization.
 - o Multi-carrier modulation and waveform design.
 - o Interference modeling, cancellation and alignment.
 - o MIMO and massive MIMO.
 - o Non-orthogonal multiple access (NOMA).
 - o Cognitive radios and spectrum sensing.
 - o Ultra-wideband, mmWave and sub-THz communication.
 - o Physical layer security.
- **Track 2: Wireless Networks: Connectivity, Security and Privacy**
 - o Fog computing and networking.
 - o Mobile edge and cloud computing.
 - o Software-defined networks.
 - o Wireless network functions virtualization.
 - o IoT and sensor networks.
 - o Wireless network security and privacy.
 - o Routing and congestion control in wireless networks.
 - o Wireless networking for autonomous vehicles.
 - o Energy harvesting wireless networks.
- **Track 3: Emerging Communication Technologies:**
 - o 5G, Beyond 5G and 6G.
 - o Aerial and non-terrestrial communications.
 - o Wireless body area networks and e-health services.
 - o Energy efficient and energy harvesting systems.
 - o Joint Radar, Sensing and Communications.
 - o Visible Light and Optical Communication
 - o Reconfigurable Intelligent Surfaces.
 - o Blockchain and Cryptography.
 - o Quantum Communications.
 - o Full-duplex communication networks.
- **Track 4: Machine Learning and Optimization for Wireless Systems:**
 - o Deep Learning for Wireless Systems.
 - o Reinforcement Learning for Wireless Systems.
 - o Distributed Learning for Wireless Systems.
 - o Unsupervised and Generative Models.
 - o Data-driven Network Modeling and Optimization.
 - o Bayesian Optimization for Wireless.
 - o Convex and Non-Convex Optimization for Wireless.
 - o Game-Theoretic Approaches to Wireless.

Conference Chairs

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Prof. Mohamad Al-Majali, Al Zaytoonah University
President

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Track 1: (Physical Layer and Fundamentals)

Dr. Omar Dawood (chair)

Dr. Yanal Faori (Co-chair)

Track 2: (Wireless Networks: Connectivity, Security and Privacy)

Prof. Mutaz Al-Tarawneh (chair)

Dr. Talal A. Edwan (Co-chair)

Track 3: (Emerging Communication Technologies)

Dr. Chadi Abou Rjelly (chair)

Dr. Ahmad A. Ababneh (Co-chair)

Track 4: (Machine Learning and Optimization for Wireless Systems)

Dr. Wael Jaafar (chair)

Dr. Zaid Halhouli (Co-chair)

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