

# CommNet'25

# The 8th International Conference on Advanced Communication Technologies and Networking





Technically co-Sponsored by IEEE ComSoc . IEEE Conference Record Number: 68224,ISBN :979-8-3315-5781-2

The eighth International Conference on Advanced Communication technologies and Networking (CommNet 2025) aims to bring together leading academic scientists, scholars, engineers, and industrial researchers interested in advanced communication technologies and networking. Authors are invited to submit papers that contain original material which is not currently under review in any other conference or journal and has not been previously published. Potential research topics include, but are not limited to:

### Track 1: PHY and Communication

-Relaying and Self-Backhauling -Short Packet and Finite Block Length Communications

#### Track 2: Networking, MAC, and Security

-Network Slicing

Routing and Congestion Control

-Edge Computing, Edge Intelligence and Fog Networks

#### Track 3: Artificial Intelligence and Optimization for Wireless®

-Reinforcement Learning for Wireless

Generative Models
-Communication-inspired Machine Learning (ML) for 6G

-Beam Management based on ML -Data-driven Network Modelling and Optimization

-Game Theoretic Approaches to Wireless -Datasets for Wireless Systems and Channels

#### Track 4: Emerging Technologies, Standards, and **Applications**

Joint Radar and Communications

Visible Light and Optical Communication
Connected Vehicles and Vehicle

-UAVs and Non-Terrestrial Networks -Quantum Communications
-Satellite and Deep Space Communications -Innovative implanted and wearable devices Intelligent Beamforming Relays

loT and Machine Type Communications

-Backhaul/Fronthaul Networking & Communicatio

-Industrial Internet of Things
-Al for Sustainable Transportation

#### **Track 5: Green and Energy-Efficient Technologies**

and infrastructures

PAPER ACCEPTANCE NOTIFICATION: November 1st, 2025

EARLY BIRD REGISTRATION: November 16th, 2025 Conference Days: December 3-5, 2025

**Important Dates** 

PAPER SUBMISSION: September 22th, 2025 CAMERA-READY PAPER: November 15th, 2025

GENERAL CHAIR .

Faissal El Bouanani; ENSIAS, Mohammed V

University of Rabat, Morocco

GENERAL CO-CHAIR:

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