



Twelfth International Workshop on Cooperative Wireless Networks - Marrakech - Morocco - October 20, 2025

Twelfth International Workshop on Cooperative Wireless Networks (WiMob – CWN'25)

CWN 2025 will be held in Marrakech, Morocco, on October 20, 2025, co-located with the 21st International Conference on Wireless and Mobile Computing, Networking, and Communications ([WiMob2025](#)).

With the rapid proliferation of wireless devices and services, the mobile Internet has experienced exponential growth in recent years, posing significant challenges for mobile operators, particularly in ensuring quality-of-service (QoS) provisioning. Cooperative wireless networking has emerged as a promising strategy to enhance overall performance by enabling resource sharing, increasing data rates, and improving network throughput. Additionally, cooperation offers benefits such as greater energy efficiency, expanded network coverage, and enhanced reliability.

This workshop aims to provide a space for researchers and technologists to present innovative ideas and contributions in cooperative wireless networks, a key component in advancing the Future Internet. The concept of cooperation applies to a broad range of technologies, systems, and applications, facilitating more efficient spectrum usage (e.g., cognitive radio), extended network coverage (e.g., cooperative diversity, multi-hop relaying, side-link communications), improved performance and reliability (e.g., network coding, full-duplex relaying, cross-layer protocols, network slicing), intelligent network management through AI-driven optimization (e.g., machine learning for resource allocation and interference mitigation), and enhanced user safety (e.g., vehicular networks, emergency networks), among other key aspects.

The organizers of this workshop invite prospective authors to submit high-quality technical papers addressing, but not limited to, the following topics of interest:

- Dynamic resource allocation in wireless cooperative networks
- Cross-layer management and protocols for cooperative networks
- Cross-layer design and optimization for cooperative networks
- Control and management in cooperative networks
- Performance analysis in cooperative networks
- Cooperative diversity
- Information theory aspects of cooperation
- Power management in wireless cooperative networks
- Business models and use cases for cooperative networks
- Multimedia transmission in cooperative networks
- Reconfigurable Intelligent Surfaces (RIS) in cooperative wireless networks
- Cooperation in 5G and beyond cellular networks
- Cooperation in software-defined networks (SDNs) aimed to wireless communications
- Cooperation in wireless sensor networks (WSNs)
- Cooperation in mmWave and THz networks
- Cooperation in UAV-assisted networks
- Cooperation in public protection and disaster relief (PPDR) networks
- Cooperation in Ad Hoc networks
- Cooperation in the Internet of Things (IoT)
- Cooperation in low power wide area networks (LPWAN)
- Cooperation in nano-wireless communications
- Cooperation in vehicular wireless networks



CWN 2025

Twelfth International Workshop on Cooperative Wireless Networks - Marrakesh - Morocco - October 20, 2025

- Cooperation in mobile cloud/edge/fog computing
- Cooperative networking in user-provided networks (UPNs)
- Cooperation in networks with network function virtualization (NFV)
- Cooperation in network slicing scenarios
- Cooperation in multi-hop and device-to-device (D2D) scenarios
- Cooperation in cell-free networks
- Cooperation in Decentralized non-cellular 5G
- Security and privacy in cooperative wireless networks
- Applications and services over cooperative networks
- AI-driven optimization for cooperative wireless networks
- Full-duplex relaying for cooperative wireless networks
- Side link communications using 5G NR
- Testbeds, strategies, and experimentation on cooperative networks

DATES

- Submission Deadline: July 15, 2025
- Notification of Acceptance: August 15, 2025
- Camera Ready: September 1, 2025

SUBMISSION GUIDELINES

All accepted papers will be published in the conference proceedings and will be submitted for inclusion in IEEE Digital Xplore. Authors are required to submit fully formatted papers (PDF), with graphs, images, and other special areas arranged as intended for the final publication. Papers should be written in English conforming to the IEEE standard conference format (8.5" x 11" - US letter, Two- Column). CWN requires using the IEEE conference template that can be found here:

<https://www.ieee.org/conferences/publishing/templates.html>

The final manuscript for publication will be limited to 6 IEEE pages (Maximum of two (2) additional pages can be purchased, each paper cannot exceed 8 pages). You can find a copy of the IEEE standard conference template for Microsoft Word or LaTeX formats [here](#). Your paper must be printable in order to be accepted. All submissions must be made through EDAS.

At least one of the authors of each accepted paper must register at the regular rate (non-student). Each registration will cover one accepted paper. WiMob Executive Committee reserves the right not to include in IEEE Explore the papers that are not presented at the conference.

You can have more information in the "Author guideline" section in the conference website: <http://wimob.org/wimob2025/guidelines.php>

REGISTRATION

<http://www.wimob.org/wimob2025/registration-fees.php>

FOR MORE INFORMATION

<http://cwn2025.atlanttic.uvigo.es>