GLOBAL CONFERENCE ON WIRELESS & OPTICAL TECHNOLOGIES

CALL FOR PAPERS

The Global Conference on Wireless & Optical Technologies 2026 (GCWOT'26) is the 8th edition of an international forum for researchers to exchange information regarding novel aspects of technology, application, and service development within the multidisciplinary framework of Wireless, Optical and Underwater Communications Technologies. GCWOT'26 is being jointly organized by University of Malaga, Spain, Mehran University of Engineering & Technology (MUET), Jamshoro, Pakistan, Sir Syed University of Engineering & Technology (SSUET) Karachi, Pakistan, UIT University Karachi, Pakistan, Salim Habib University Karachi, Pakistan, Hyderabad Institute of Technology and Management Sciences Hyderabad, Pakistan and GIK Institute of Engineering Science & Technology, Topi, Pakistan, with technical cooperation and support from EU KA107 ICM mobility projects as well as EU KA2 Capacity Building ACTIVE project.

GC-WOT aims to facilitate a creative environment for the promotion of collaboration and knowledge transfer. The conference program will consist of keynote speakers from both industry and academia, panel discussion and a multi-track technical program with possibility of submitting Special Sessions.

Authors are encouraged to submit full original papers in the English language and not considered for publications elsewhere. At least one author of each accepted paper MUST register and present the paper at the conference in order that the paper is to be included in the program. The program will also be submitted for inclusion in the IEEE Xplore.

Areas of Interest:

We solicit papers addressing areas in, but not limited to:

WIRELESS COMMUNICATIONS

- Signal processing
- Smart and mobile antennas
- Circuits design for wireless systems
- Wireless sensor networks
- Access control mechanisms
- Wireless routing mechanisms
- Wireless security
- Quantum communications

OPTICAL COMMUNICATIONS

- Optical signal processing
- Optical sensors
- Photonic communications systems
- High-speed optical systems and devices
- Optical amplifiers
- Optical networks
- Industrial applications

UNDERWATER COMMUNICATIONS

- Acoustic & optical networks
- Efficient access & routing protocols
- Navigation and positioning
- Localization techniques
- SONAR systems
- Signal processing
- Applications & servicesns

Emerging Multi-topic Tracks

Automated Systems
- Embedded Systems
- Robotics
- Mechatronics
- Software Engineering

Networks
- Wireless Body Area Networks (WBANs)
- Nano communication networks
- Wired networks
- Software defined networks
- Simulation and Modelling
- Internet of Things

Cybersecurity
- Security, privacy, and trust
- Service-oriented computing
- Cyber physical systems
- Spatial and temporal databases

Distributed Systems
- Cloud computing and emerging web technologies
- Grid computing
- Multimedia information
- Autonomous/Multi-agent Systems

Grids
- Power electronics
- Energy efficiency and power management systems
- Smart grid
- Smart materials
- Solid state devices

Adaptive Systems
- Machine learning
- Neural networks
- Big data analytics
- Human computer interaction
- Heterogeneous systems

5G Technology
- Cloud platforms to support 5G
- Non-StandAlone (NSA) connectivity's role in the current 5G infrastructure
- 5G NR Stand-Alone (SA) for the future of network

Block Chain Technology
- Public and private blockchains
- Hybrid blockchains
- Blockchain and Internal Audit
- Cryptocurrencies
- Smart contracts
- Financial services

Smart Infrastructures
- Smart mobility, transportation and safety
- Smart buildings
- Smart approaches to structural health monitoring
- Smart approaches of Infrastructure design & construction

Important Dates

Manuscript submission deadline	:	Oct 15, 2025
Registration opens	:	Nov 15, 2025
Acceptance notification	:	Nov 15, 2025
Camera-ready manuscript	:	Nov 22, 2025
Early registration deadline	:	Dec 15, 2025
Conference dates	:	Feb 11 – 13, 2026

Venue: School of Telecommunications Engineering, University of Málaga, Málaga, Spain.

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Manuscript Submissions URL

Authors are encouraged to submit full original papers in the English language and not considered for publications elsewhere. All papers should be submitted as PDF through Easychair:

https://easychair.org/conferences/?conf=gcwot26

Full details of submission procedures and other additional information are available at

https://eventos.uma.es/136648/gcwot26

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