



2024 IEEE INTERNATIONAL WORKSHOP ON QUANTUM AND BIOMEDICAL APPLICATIONS TECHNOLOGIES AND SENSORS

OCTOBER 10-11, DURRES, ALBANIA

CALL FOR PAPERS

DEADLINE

15 July 2024 Submission
Abstract

15 August 2024 Notification
to Authors

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We are delighted to announce you that the 7th edition of the Workshop "Quantum & Biomedical Applications, Technologies and Sensors",

Q-BATS 2024, will be hosted in Durres, Albania at the University Aleksander Moisiu on 10-11 October 2024.

Over the editions, the BATS congress has gradually expanded its scientific horizons, incorporated increasingly broad fields of study, and welcomed a multidisciplinary scientific community.

This approach reflects the growing need for broad interdisciplinary collaboration to address the most complex challenges in the field of biomedical applications.

In the latest edition, the diversity of the topics covered was further enriched with the introduction of a section dedicated to quantum sciences and technologies, marking the participation of a group of scientists who are experts in this cutting-edge sector. The BATS congress positions itself as a key event for the international scientific community, promoting research, innovation, and collaboration in the field of biomedical applications and sensor technologies.

The program features presentations from invited lecturers alongside contributions from both academic and industrial leaders. This diverse speaker pool fosters a vibrant exchange of ideas and experiences, facilitating knowledge sharing and networking opportunities within the realm of medical technologies and sensors.

WORKSHOP TOPICS

- o Quantum communication channels
- o Quantum encrypting
- o Engineering applications of blockchain technology
- o Sensor Technologies: Materials, Fabrication and Characterization
- o Physical, Chemical and Bio-Sensors
- o Sensor Networks, Artificial Intelligence, and IoT
- o Electronic interfaces for sensors
- o Wearable and Flexible Systems
- o Systems for Therapeutics and Diagnostics
- o Aids and rehabilitation systems
- o Signals, Processing and Interfaces
- o Energy Harvesting
- o Environmental monitoring
- o Automotive industry
- o Industrial automation port sector and maritime logistics
- o Signals, Processing and Interfaces

SUBMISSION

Authors are invited to submit an abstract (4-5 pages) reporting up-to-date research based on the workshop topics. The abstracts must be written in English according to the IEEE guidelines provided and submitted in the web-site: <https://qbats7.com/>

For any problems contact us at the e-mail: assistance@qbats7.com

PROCEEDINGS AND SPECIAL ISSUE

All accepted and presented abstracts will be part of the conference proceedings and will be submitted for inclusion to IEEE Xplore

