



QTech 2020

QUANTUM TECHNOLOGY INTERNATIONAL CONFERENCE

APRIL 6-8, 2020

BARCELONA

CALL FOR PAPERS – QTech 2020

The growing ability to manipulate quantum systems is paving the way for a second quantum revolution and a number of initiatives worldwide have been formed to foster quantum technologies. These exciting novel applications are exploiting specific quantum properties which are not accessible with classical resources such as superposition and entanglement of individual quantum systems.

The objectives of the QTech conference is to present the latest developments of quantum technologies in the domains of quantum communication, computation, simulation, sensors and metrology, and their implementation using various platforms from atoms and ions to solid states, superconducting circuits and optics.

The **Quantum Technology International Conference** is an biannual gathering with the following objectives:

- Attract high quality papers in different subfields.
- Offer the opportunity to be updated on the latest research outputs on several Quantum Technology topics.
- Organize specific workshops around the most attractive and current issues.
- Gather worldwide experts as conference speakers.

Topics of interest include, but are not limited to:

- Quantum information processing and computing
- Quantum simulation
- Quantum sensors and quantum metrology
- Quantum communication
- Quantum networks and repeaters
- Fundamental science for quantum technologies
- Quantum optics and non-classical light sources
- Quantum light-matter interfaces and memories
- Solid states and hybrid systems
- Quantum non-linear optics

Important Dates:

- Regular submission deadline: January 21, 2020
- Regular registration deadline: February 21, 2020
- Conference: April 6–8, 2020

Guidance for authors:

The submission must be done through online platform (<http://qtech2020.exordo.com/>) where you have to create your own account. This abstract management system enables you to manage your submission as you wish.

Proceedings & Publishing:

- Coming soon

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