



QTech 2018

QUANTUM TECHNOLOGY INTERNATIONAL CONFERENCE

SEPTEMBRE 5-7, 2018

PARIS



CALL FOR PAPERS – QTech 2018

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 annual 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
- Fundamental science for quantum technologies
- Atom and ion trapping
- Superconducting circuits
- Quantum optics and non-classical light sources
- Solid states and hybrid systems

Important Dates:

- Regular submission deadline: June 20, 2018
- Regular registration deadline: July 20, 2018
- Conference: September 5–7, 2018

Guidance for authors:

The submission must be done through Ex Ordo (<http://qtech2018.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

<http://www.premc.org/conferences>
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