

Call for Contributions

Submission:

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICQNM+2017+Special>

Please select Track Preference as **QUANTUM**

Special track

QUANTUM: Quantum Technologies - Theory, Experiments and Applications

Chair and Coordinator

Dr. Thierry Ferrus, Hitachi Cambridge Laboratory, UK taf25@cam.ac.uk

along with

ICQNM 2017, September 10 - 14, 2017 - Rome, Italy

The Eleventh International Conference on Quantum, Nano/Bio, and Micro Technologies

<http://www.iaria.org/conferences2017/ICQNM17.html>

With the recent advances in technology and device processing but also in theory and algorithms, significant progress has been made towards the realization and practical implementation of quantum computing. Additionally, this has led to the development of new subjects like quantum biology, quantum chaos as well as short term applications in healthcare, smart city managements for example.

The aim of this track is to discuss these advances from the theoretical and experimental point of view as well as short to long term applications for science and business.

Topics include, but not limited to:

- Quantum sensing
- Quantum computing and communication
- Quantum cryptography
- Quantum protocols and algorithms
- Quantum simulation
- Quantum biology
- Quantum chaos
- Quantum social science

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: August 2
- Notification: August 9
- Registration: August 16
- Camera ready: August 16

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contacts

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