

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=CONTENT+2021+Special>

Please select Track Preference as **QCCC**

3. Note: *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

QCCC: Quantum Computing for Content Creation

Chair

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along with

CONTENT 2021, The Thirteenth International Conference on Creative Content Technologies

April 18-22, Porto - Portugal

<https://www.iaria.org/conferences2021/CONTENT21.html>

Quantum computing is booming. It is no longer just fiction but a reality, with the provision of real quantum computers (those of IMB, Rigetti, Dwave, etc.), as well as Open Source development kits that allow the creation of quantum programs (Qiskit, PyQuil, Project Q, Cirq, etc.).

Many quantum algorithms are now available (from the oldest such as those of Shor or Grover to the most recent with the development of Quantum Machine Learning in particular). The use of quantum gates makes it possible to play with new concepts: superposition, entanglement, teleportation, etc.

This gives us a new area, particularly interesting for the content creation using experimental methods.

We encourage contributions ranging from theoretical studies, through Quantum Computing methods for Content Creation, to case studies.

Topics include, but not limited to:

- Theoretical approaches to Quantum Computing for Content Creation
- Quantum Computing for Music Creation
- Quantum Computing for Games
- Quantum Computing for 2D or 3D Creation
- Quantum Computing for Animation
- Quantum Computing for other Content Creation

Important Datelines

Submission: March 4, 2020

Notification: March 20, 2020

Registration: April 1, 2020

Camera-ready: April 1, 2020

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>

Contact

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