

Call for Abstracts

Superconducting Qubits and Algorithms Conference 2023

Dear Fellow Researchers,

Superconducting Qubits and Algorithms (SQA) is a not-for-profit scientific conference with a focus on science, technology, and algorithms relevant for superconducting quantum computers. This year it is organized by IQM Quantum Computers, the Technical University of Munich, the Munich Quantum Valley, and the scientific community. Our goal is to make this the leading event in its field.

SQA will be held in Munich, Germany, from August 29 to September 01, 2023.

For further information please visit the website: www.sqa-conference.org

Themes

We welcome abstract submissions to the conference “Superconducting Qubits and Algorithms”. The conference themes are the following:

- Quantum error correction and mitigation
- High-fidelity elementary operations: gates, readout, reset
- Non-computing applications of superconducting qubits
- Unconventional qubits
- Algorithms and applications
- Benchmarking and enabling software
- Design and modeling
- Millikelvin electronics and other supporting technologies
- Fabrication and materials

At the review stage, the Scientific Committee may allocate accepted works to a different theme, if considered to be more appropriate for the submitted abstract.

Timeline

- **Submission Site Opening**
February 1, 2022 AoE
- **Abstract Submission Deadline**
April 23, 2023 AoE
- **Notification of Acceptance**
Mai, 2023 AoE

E-Mail updates

Subscribe on the website to receive email updates regarding SQA Conference 2023.

Presentation types

Submitted abstracts will be considered for the following presentation formats:

- **Poster Exhibit**
Traditional paper poster A0 size (1189mm x 841mm, portray)
- **Oral Presentation**
Approx. 20 minutes including Q&A, with slides

Submission and formal requirements

The submission will be handled via the sqa-conference.org website. The form will guide you through the submission process. Please ensure that your submission follows the formal requirements.

- Proposals should be written in English and consist of no more than 2500 characters
- Include a brief list of the most relevant references and if your abstract is mainly focused on a single paper, highlight this fact in the abstract and the bibliography.
- You are welcome to submit multiple abstracts, up to two per person as the first author.
- We especially encourage postdocs and PhD students who are main authors of recent works published or to be published in top journals to submit abstracts.