



Dear ,

We are looking for a new host of the European Quantum Technologies Conference to be held in 2023. We would be pleased to receive your proposal by 15 October 2022.

You may also be interested in submitting a proposal under the European Commission's open call for proposal on "New algorithms for applications on European exascale supercomputers" or applying for a Policy Officer position offered by the European Commission.

The European Standardization Organizations are looking for experts from the European quantum community to establish a Joint Technical Committee that will be responsible for standardization in the field of quantum technologies.

In this newsletter you will also find some news about the QIA project and the recently launched ML4Q&A-Podcast.

The newsletter also contains some news about the QIA project.

If you would like to inform the Quantum community on any QT activities or events within your national or regional community or provide us your feedback to the QT newsletter, please send it to [newsletter@qt.eu](mailto:newsletter@qt.eu).

Best regards

The Quantum Flagship Coordination Team

- **[Call for proposals - Organisation of the European Quantum Technologies Conference \(EQTC\) 2023](#)**
- **[Open EC Call - New algorithms for applications on European exascale supercomputers](#)**
- **[EC Job vacancy - The European Commission is seeking for a Policy Officer](#)**
- **[New Joint Technical Committee - Start of European standardization activities in the field of quantum technologies](#)**
- **[News from QIA project - A boost in performances in fibre-integrated quantum memories](#)**
- **[News from the Community](#)**

Call for proposals

## Organisation of the European Quantum Technologies Conference (EQTC) 2023

After the successful European Quantum Technologies Conferences in 2019 in Grenoble and the digital event in 2021 the European Quantum Flagship is now calling for the next host of the EQTC that shall be held in 2023.

A conference of up to five days should be envisaged to accommodate the breadth of the programme and the number of participants.

**Proposals are invited to host the EQTC 2023 and for handling of local arrangements.**

Proposals should be submitted electronically **by 15 October 2022** to [info@qt.eu](mailto:info@qt.eu).

[FURTHER INFORMATION](#)

Open EC Call

### New algorithms for applications on European exascale supercomputers



The European Commission has currently an open call on "New algorithms for applications on European exascale supercomputers" (HORIZON-EUROHPC-JU-2022-ALG-02)

The action will provide financial support through an open and competitive call to small teams of researchers to develop novel algorithms for the upcoming European exascale supercomputers. Targeting the highest possible impact on HPC applications, the developed proofs of concepts will demonstrate great potential to solve currently untractable computational challenges or to substantially improve time-to-solution and energy-to-solution for important use cases.

**Deadline for proposals is 27 October 2022**

[FURTHER INFORMATION](#)

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**EC Job vacancy**

## **The European Commission is seeking for a Policy Officer**

The European Commission is seeking to recruit a Policy Officer to work under the supervision of an Official or Temporary Agent. The selected candidate will contribute to the definition and implementation of specific programmes of related policies at EU level (in the domain of Quantum Technologies).

[VIEW JOB DESCRIPTION](#)

For applying to this job, please send your CV to [CNECT-C2@ec.europa.eu](mailto:CNECT-C2@ec.europa.eu).

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**New Joint Technical Committee**

## **Start of European standardization activities in the field of quantum technologies**

In the two European Standardization Organizations [CEN](#) and [CENELEC](#), a survey was recently started to establish a Joint Technical Committee (JTC) on the subject of quantum technologies. The proposed JTC will be responsible for standardization in the field of quantum technologies including quantum enabling technologies, quantum sub-systems, quantum platforms & systems, quantum composite systems as well as quantum applications.

With the participation of experts from the European quantum community, the first standardization deliverables such as Technical Reports (TR), Technical Specifications (TS) and European Standards (EN) will be developed.

**If you are interested in participating in the JTC, please contact your respective national member at CEN-CENELEC.** These are either the [National Standardization Bodies](#) (NSBs) for CEN or the [National Committees](#) (NCs) for CENELEC.

News from the QIA project

## A boost in performances in fibre-integrated quantum memories

Quantum memories are one of the building blocks of the future quantum internet. Without them, it would be rather impossible to transmit quantum information over long distances and expand into a real quantum network. These memories have the mission of receiving the quantum information encoded in a photon in the form of qubits, store it and then retrieve it. Quantum memories can be realized in different material systems, for example ensembles of cold atoms or doped crystals.

[READ MORE](#)

## News from the community

News from ML4Q

### New ML4Q&A-Podcast launched



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ML4Q&A-PODCAST  
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#07 WITH  
ANNIKA KURZMANN

Foto: Alex Jahn

"2D materials are really nice as you can stack all materials that you want on top of each other and use the properties of these materials and combine them!"

NEXT ON ML4Q&A: Jan Klos



Visit us on [www.ml4q.de/ml4qna](http://www.ml4q.de/ml4qna)  
Contact: [ml4q-outreach@uni-koeln.de](mailto:ml4q-outreach@uni-koeln.de)

ML4 continues to feature some of their experimental physicists. In this episode, ML4 talks to Annika Kurzmann, Junior Principle Investigator at RWTH Aachen and

associated member of ML4Q, to discuss her work on optical quantum dots during her PhD and bilayer graphene quantum dots in her postdoc and how she is now bringing this together to detect single electron dots in graphene.

[READ MORE](#)



Funded by the European Commission

#### Responsibility

This newsletter is operated by the project “QUCATS – the Quantum Flagship Coordination and Support Action”, which is funded by the European Commission.

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