QUANTUM FLAGSHIP

Dear ,

We hope you've had a great start to 2024 and can anticipate a year of fortune, happiness and quantum adventures!

In our first newsletter of the year, we bring you updates on the Quantum Playlist, a reliable online tool for discovering high-quality content and learning materials on quantum technology (QT).

We have exciting announcements on a newly opened Eureka call, while the winning projects from the most recent QuantERA call can be revealed.

You can read about the first-year achievements of the Quantum Flagship project QSNP, and you'll be invited to join us in celebrating World Quantum Day 2024.

If you would like to inform the quantum community on any QT activities or events within your national or regional community, or provide feedback to the QT newsletter, please get in touch at newsletter@qt.eu.

Best regards,
The Quantum Flagship Coordination Team

- **Quantum Playlist now available**
- **A successful year 2023 for QSNP**
- **Eureka call on applied quantum technologies**
- **Celebrate World Quantum Day 2024**
- **QuantERA Call 2023 results announced**

News from the Quantum Flagship

News from the Quantum Flagship

Quantum Playlist now available

Finding high-quality, informative material on QT can be challenging online. For this reason, the Quantum Flagship launched a hand-picked 'Quantum Playlist' last year. It received great initial feedback and continues to evolve.

Hosted on the European Quantum Readiness Center website, it currently offers over 70 videos organised into four main categories, aligned with the European competence framework for quantum technology. Each video is accompanied by a legend indicating its level, language, duration, and relevance to the European competence framework.

The playlist is an evolving project; you can read more about the methodology here.

VIEW PLAYLIST

News from Quantum Flagship projects

QSNP project news

A successful year 2023 for QSNP

The Quantum Secure Networks Partnership (QSNP) officially launched on 1 March 2023. Led by Valerio Pruneri of ICFO and comprising over 40 partners across Europe, it "aims at creating a sustainable European ecosystem in quantum cryptography and communication".

Taking a look back at 2023, the QSNP project can celebrate its kick-off meeting, first workshop, and 14 scientific papers published. Another highlight was the 'mini EuroQCI Demo' showcased at EQTC 2023 in Hannover in October.

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News from the community

Eureka call on applied quantum technologies

A new call has been announced for R&D projects in the field of applied quantum technology. As part of the Eureka network, the national funding bodies of 15 countries have allocated funding to the call, including nine EU member states. The deadline for proposals is **9 May 2024**.

The call addresses topics such as, but is not limited to:

- Quantum computing
- Quantum simulation and stack levels
- Quantum communication and cyber security
- Quantum sensing and metrology

You can find out which countries/regions are participating, and read about the scope of the call, eligibility criteria, evaluation process etc. below.

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Event news

Celebrate World Quantum Day 2024

The World Quantum Day, celebrated on and around 14 April, is an initiative from quantum scientists from 65+ countries, aiming at promoting the public understanding of Quantum Science and Technology around the World.

It is a decentralised and bottom-up initiative, inviting all scientists, engineers, educators, communicators, entrepreneurs, etc., to celebrate World Quantum Day around the planet.

The World Quantum Day was officially launched in 2022. In 2023, we reached an impressive audience with 400+ events held in 210+ cities across 45+ countries.

This year we aim at reaching an even wider audience: create and submit your own event!

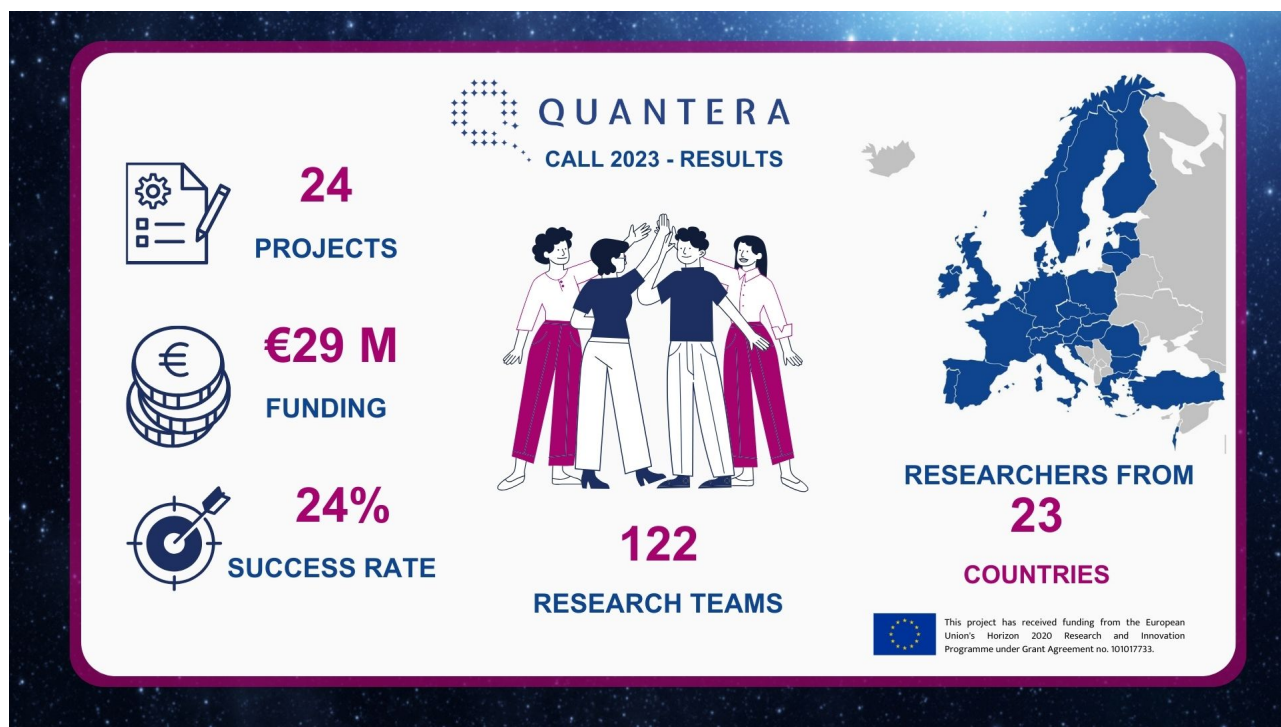Examples from past and upcoming events can be found on X @WorldQuantumDay and on the World Quantum Day website.

Join us in celebrating the World Quantum Day, on and around 14 April 2024!

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QuantERA Call 2023 results announced

The QuantERA Call 2023, initiated by 35 funding organisations across 28 countries, drew the participation of 486 international research teams, submitting a total of 101 proposals.

Following an evaluation process, 24 proposals have been recommended for funding, focussing on two key areas: *quantum phenomena and resources* and *applied quantum science*. The research teams will be working on a variety of exciting topics – you can find the list of selected projects via the button.

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