



Dear ,

In this month's newsletter we'll tell you about interesting upcoming events you shouldn't miss, the successful European Quantum Zone at the Mobile World Congress in Barcelona, and the Women of Quantum event celebrating gender diversity in Quantum Technologies (QT).

Furthermore, we are excited to reveal the 2023 KPI values for QT in Europe. You can also read about the 'Strategic Industry Roadmap 2024' and a compelling white paper on the QT patent landscape, both recently published by the European Quantum Industry Consortium.

The Quantum Flagship project QIA has exciting news about the world's first global quantum internet technology forum and the Quantum Internet Hackathon 2024.

If you would like to inform the quantum community on 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

- **[Save the date: EQTC 2024](#)**
- **[Final call to register for Quantum CARLA](#)**
- **[Submit your event for World Quantum Day 2024](#)**
- **[KPI values for European QT in 2023](#)**
- **[QuIC unveils new Strategic Industry Roadmap 2024](#)**
- **[White Paper on global QT patent landscape](#)**
- **[European Quantum Zone at MWC 2024](#)**
- **[QuIC's Women of Quantum 2024](#)**
- **[European quantum computing profiled in Horizon Magazine](#)**
- **[QIA Technology Forum launched](#)**
- **[QIA's Pan-European Quantum Internet Hackathon 2024 wraps up with exciting projects](#)**

News from the Quantum Flagship

Quantum Flagship event news

Save the date: EQTC 2024

A promotional banner for the European Quantum Technologies Conference (EQTC) 2024. The banner features a dark blue background with a blurred image of people. On the left, there is a circular logo with 'EQTC' and a dot. To the right of the logo, the text reads 'European Quantum Technologies Conference 2024' and 'a Quantum Flagship event'. Below this, the phrase 'Save the date' is written in a large, bold, orange font. Underneath, three icons (calendar, location pin, and speech bubble) are followed by the event details: '18-20th November 2024', 'Culturgest, Lisbon', and 'PQI - Portuguese Quantum Institute'. At the bottom, there are three logos: 'QUANTUM FLAGSHIP', 'PORTUGUESE QUANTUM INSTITUTE', and the 'European Commission' logo.

EQTC European Quantum Technologies Conference 2024
a Quantum Flagship event

Save the date

📅 18-20th November 2024
📍 Culturgest, Lisbon
💬 PQI - Portuguese Quantum Institute

 QUANTUM FLAGSHIP  PORTUGUESE QUANTUM INSTITUTE 

Don't miss this year's European Quantum Technologies Conference (EQTC), Europe's biggest quantum event, taking place in **Lisbon** from **18 - 20 November 2024**.

The EQTC serves as the premier exhibition and collaborative hub of the Quantum Flagship, uniting prominent figures from science, industry, and policy for a stimulating agenda. Join this year's event to learn about latest developments of research and innovation in QT and discuss scientific and technological challenges ahead. The conference will feature a variety of inspiring talks, panel discussions, poster sessions and an exhibition.

Stay tuned on the event website, and register for updates on registration, sponsorship opportunities and more.

We look forward to welcoming you at the EQTC 2024 in Lisbon!

[VIEW EVENT WEBSITE](#)

[REGISTER FOR UPDATES](#)

Quantum Flagship event news

Final call to register for Quantum CARLA



The Quantum Flagship, DiGiQ and
The Master in
Quantum Science & Technology

Quantum Careers Symposium

22 March 2024

Auditorium & Gaudi Room, La Pedrera, Barcelona
& ONLINE
Registration Required

In collaboration with



With the participation



Inspired by



Sponsored by



With the support of



The Quantum Flagship, in collaboration with DigiQ and the Master in Quantum Science and Technology of Barcelona, is organizing a new edition of Quantum CARLA, the quantum careers symposium that aims at giving university students and researchers a glimpse of the career paths and job opportunities available in QT.

The programme includes panels dedicated to careers in academia and industry, as well as networking sessions. A total of 10 companies and 9 research centres and universities will be participating in this event.

The event will take place in **La Pedrera** on **22 March 2024**, one of Gaudí's buildings in Barcelona, and will also be streamed. While registration for in person participation is no longer available, you can still **register for online participation**.

[READ MORE](#)

Quantum Flagship event news

Submit your event for World Quantum Day 2024



WORLD QUANTUM DAY

APRIL 14

World Quantum Day is a bottom-up initiative aimed at promoting public understanding of Quantum Science and Technology around the world, celebrated globally on and around **14 April 2024**. From talks and workshops to hackathons and exhibitions, there's something for everyone interested in the field of QT.

Join the celebrations and [submit your own event](#) for World Quantum Day, and explore other ways to engage and participate [here](#).

Find the latest news and developments on X [@WorldQuantumDay](#) and the World Quantum Day website.

[READ MORE](#)

News from the Quantum Flagship

KPI values for European QT in 2023

To monitor progress in QT in Europe, in 2021 the Quantum Flagship set out ambitious Key Performance Indicators (KPIs) and has been measuring them annually since then. The KPI values for the year 2023 can now be announced. Moreover, some of the year 2030 targets have been adjusted upward, due to the outstanding progress of the European quantum community in certain areas.

Such KPI measurements are crucial for identifying which areas require focus and for fostering the overall growth of the European quantum ecosystem. The KPI values are collected via surveys of the Flagship's Strategic Advisory Board, Quantum Coordination Board and the European Quantum Industry Consortium.

[DOWNLOAD KPI BOOKLET](#)

News from the Quantum Flagship

QuIC unveils new Strategic Industry Roadmap 2024

The European Quantum Industry Consortium (QuIC) has announced the release of the latest version of the Strategic Industry Roadmap (SIR) 2024 - a document that

will help shape public policies and drive positive change in the quantum industry and beyond.

The paper contains the collective view of QuIC members in the four main different quantum verticals – computing and simulation, communication, sensing and metrology, and enabling technologies – as well as several cross-cutting subjects.

[READ MORE](#)

News from the Quantum Flagship

White Paper on global QT patent landscape

QuIC has also released a comprehensive white paper, 'Mapping the Global Patent Landscape in Quantum Technologies', providing valuable insights into the ever-evolving quantum industry.

The paper presents a transparent overview of the current intellectual property (IP) landscape, encompassing the geographic distribution of IP holders, and offers recommendations aimed at strengthening Europe's position in this global arena. The findings are derived from an extensive survey of patent applications across the globe, covering different pillars of quantum technologies: quantum computing, quantum communication, and quantum sensing.

The white paper is freely available on the QuIC website via the button below.

[READ MORE](#)

News from the Quantum Flagship

European Quantum Zone at MWC 2024



The Quantum Flagship was once again present at this year's Mobile World Congress (MWC), 26 to 29 February, in Barcelona. It curated the 'European Quantum Zone', a 100m2 space dedicated to showcasing the most recent developments and innovations in QT being driven forward by Europe.

Several European companies and initiatives showed their most mature technology and disruptive innovations, connected with the global audience, and pressed forward to enable the integration of these technologies in the market.

This year more than 500 participants of the MWC from over 35 countries were attracted by the European Quantum Zone.

[READ MORE](#)

News from the Quantum Flagship

QuIC's Women of Quantum 2024

To commemorate International Women's Day on 8 March, QuIC brought together thought-leaders from the global quantum industry to highlight female talent across various fields within the sector.

Hosted by Tanya Suarez (QuIC Governing Board Member and CEO of BluSpecs) and Laure Le Bars (QuIC President and Research Director at SAP), the event proved to be an enriching experience for all participants, thanks to the valuable contributions of the esteemed keynote speakers. Their insightful contributions and inspiring stories truly elevated the conversation, offering invaluable expertise and perspectives from within the quantum industry.

News from the Quantum Flagship

European quantum computing profiled in Horizon Magazine

Europe's efforts to harness the power of quantum computers are detailed in an article in *Horizon: The EU Research & Innovation Magazine*, published this month. Looking at both Europe and the wider global context, the article gives interesting insights on the European approach in the quantum race.

The endeavours of the Quantum Flagship receive particular focus. The article profiles the projects *NEASQC* (Next Applications of Quantum Computing) and *QUCATS* (the project coordinating and supporting the Flagship), with the respective coordinators giving insightful interviews.

[READ MORE](#)

News from Quantum Flagship projects

QIA project news

QIA Technology Forum launched



The Quantum Internet Alliance (QIA) officially launched the world's first global

quantum internet technology forum at the Mobile World Congress 2024 in Barcelona on 26 February 2024.

Aimed at accelerating engagement on quantum internet with a broader range of stakeholders, the launch of the QIA Technology Forum (QIATF) will connect and expand the QIA collaboration to a diverse ecosystem of industry, academia, ecosystem partners and key players along the entire quantum internet value chain across the globe.

[READ MORE](#)

QIA project news

QIA's Pan-European Quantum Internet Hackathon 2024 wraps up with exciting projects



Over 60 participants from all over Europe joined the Pan-European Quantum Internet Hackathon 2024, which took place simultaneously in Delft (Netherlands), Dresden (Germany) and Paris (France), and Poznań (Poland) from 15 to 16 February.

Organised by QIA, the hackathon saw students, young researchers, and other quantum enthusiasts collaborate on challenges related to secure quantum digital payments, blind quantum computing, extending QKD implementation, and quantum leader election.

[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.

Responsible for the content of this newsletter is:

VDI Technologiezentrum GmbH
VDI-Platz 1
D-40468 Düsseldorf
Germany

Email: info@qt.eu

[Unsubscribe](#)

© Quantum Flagship | [Imprint](#) | [Privacy Policy](#) | [Contact](#)