



Dear ,

In this newsletter we would like to inform you about the possibility to participate in the Quantum Flagship booth at the Mobile World Congress 2023. Take the chance to present your company to a large number of visitors and send us your proposal.

We also would like to share with you the great news about three projects that receive funding in an EU-Canada joint call on quantum technologies and a seven-year program started by the Quantum Internet Alliance to build an innovative Quantum Internet ecosystem in Europe.

Furthermore, we would like to inform you about an event organised by the European Parliament's Panel for the Future of Science and Technology (STOA), which took place on 12 October, and an upcoming Quantum Metrology event.

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.

Best regards

The Quantum Flagship Coordination Team

- **[Call for proposals - Participation in the Mobile World Congress 2023](#)**
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Call for proposals

Participation in the Mobile World Congress 2023

The Quantum Flagship will be present at the Mobile World Congress 2023 (MWC23),

which will take place in Barcelona on 27 February – 3 March 2023. In 2022, the Quantum Flagship had a 70m2 space in which 5 QT companies participated together with two regional QT initiatives, being able to present their products and programs to over 200 industry representatives that stopped at our space.

This is a call to the EU quantum community, especially to the QT companies in QuIC, the quantum-related FPAs as well as national and regional quantum initiatives with programs in the areas related to the mobile ecosystem.

If you have a demonstrator (industry/application focused) that could fit within the areas of communications, sensing, computing or AI and if you are interested in showcasing your technology in this world-leading congress, please contact us by sending an e-mail to info@qt.eu.

[FURTHER INFORMATION](#)

EU-Canada joint call on quantum technologie

Three projects receive funding

On 6 October 2022, the European Commission and Canada announced the support of three joint projects on quantum, as a result of the EU-Canada joint call on quantum technologies launched in June 2021, supported by the EU Quantum Flagship through the Coordinated and Support Action (CSA) InCoQFlag.

Those projects illustrate the collaboration between the European Union and Canada on research and innovation, especially quantum. The three projects are cofunded by the EU Quantum Flagship under Horizon Europe and the Natural Sciences and Engineering Research Council of Canada (NSERC), for a total of **€4 million euros from the EU and CAD\$5 million from Canada**.

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Quantum Internet Alliance

New Quantum Internet ecosystem in Europe

The European Commission has selected 'quantum internet' as a strategic area for investment to build a global quantum internet made in Europe. The Quantum Internet Alliance (QIA) will implement a seven-year program with the aim to develop a full-stack prototype network connecting distant cities.

This way, QIA will drive an innovative European quantum internet ecosystem capable of leveraging QIA world-leading developments and that translates into innovative engineering solutions. The prototype network will be able to connect users in two

metropolitan areas, hundreds of kilometers apart. The first phase of the program, which will run for **3,5 years** from October 2022, and has a total budget of **24 million euros**.

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Press release

High-level quantum event at the European Parliament

On 12 October 2022, the European Parliament's Panel for the Future of Science and Technology (STOA) organised an event on “Quantum and chips: Developing European industrial capabilities in quantum technologies”.

This event gathered policymakers and quantum experts from research, industry and investments to discuss the state-of-art of quantum in Europe and future development. Representing the next step for Europe, the Chips Act was the central theme of the event with quantum being part of it.

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PQI event news

Quantum Metrology: the present and the future

IPQ, EURAMET's EMN for Quantum Technologies, and PQI are organising the hybrid Quantum Metrology event which will take place on 21 November 2021 in Portugal.

To support the competitiveness of the emerging European quantum industry, the European Metrology Network for Quantum is working towards the establishment of a European Quantum Metrology Infrastructure by coordinating, pooling, and strengthening the existing National Quantum Metrology networks.

The Metrology Infrastructure also aims at representing European interests in global standardization and regulation for quantum technologies and developing and transferring quantum measurement knowledge to the European Quantum Industry.

Speakers include representatives from the European metrology community, EMN Quantum Technologies, PQI, and the European Commission. They will share their vision on the future trends and needs of quantum science and technology in Europe.

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Responsibility

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