



Dear quantum innovation friends,

We hope that this newsletter finds you well and that you have had a great summer and vacation. We in the QSIP project team are back with charged batteries for kicking off an exciting fall.

The weeks after vacation have been very intense and fun. On August 27, we hosted the QSIP Annual Day and it exceeded all our expectations. More than 80 participants joined us at Chalmers Conference Centre for a day filled with interesting presentations and lively discussions. Below, you can read more about this event as well as about the QSIP events which occurred just before the vacations.

In the present newsletter you can also read about our upcoming events, e.g. coordinating a Swedish delegation trip to the Quantum World Congress in Washington D.C., a workshop on quantum and cybersecurity, and news regarding QSIP's plans for the next stage. As we enter the next stage of QSIP, it will be possible for more organizations to influence and benefit from the activities of QSIP: join us as an [Associated partner](#).

As a step in the planning of QSIP stage 2, we had the pleasure to host approx. 30 persons for a workshop on August 26, where we discussed and received input on three topics (i) National Quantum Strategy of Sweden, (ii) Role of QSIP in the execution of the strategy and in the

quantum ecosystem, and (iii) Gender aspects and gender equality in quantum innovation. We received a lot of good input as well as inspiration for the preparation of the workplan for stage 2.

There is a growing number of relevant funding calls for research and innovation projects, which you find listed below. Please do not forget to check the list of open calls on the [QSIP website](#) where you may find links to calls such as the Vinnova call "Innovative collaborations with Singapore in quantum or synthetic biology" or two upcoming calls within the European Chips JU for quantum pilot lines.

Finally, we would like to highlight our "[Quantum Connect](#)" notice board which you find on the QSIP website. It is a virtual match-making board for stakeholders in quantum innovation. At Quantum Connect you can post your organization's requests for or offers of competence, services, collaboration partners, etc.

With this, we would like to thank all of you who participate in our activities or in other ways contribute to the work of QSIP. We are looking forward to meeting and collaborating with you even more in the future.

Camilla Johansson & Johan Felix, QSIP

If not already subscribing to this newsletter, please sign up via our website [here](#)

You may also receive useful information if you follow us on [LinkedIn](#)

If you have quantum-related news that you would like to spread, please contact us on info@qip.se

QSIP ACTIVITIES AND EVENTS



Workshop “Innovation in Quantum Communication (Waveguide)”

On June 4, stakeholders in quantum communication (e.g. Ericsson and Royal Inst of Technology) gathered in Stockholm to discuss potential development, applications and scenarios of quantum communication. In the workshop, the participants were, among other things, engaged in a role-playing game including future scenarios of the field. The workshop was arranged by the QSIP partner KTH Innovation.



QSIP Annual Day, August 27

The first edition of QSIP Annual Day attracted 80 participants from many different organizations, sectors and countries. It was a truly inspiring day with new learnings, contacts and ideas.

Among the speakers were Mats Persson, Minister of Education, who explained the interest and actions from the Swedish government to advance quantum technology in Sweden. Per Delsing, the Director of WACQT (Wallenberg Centre for Quantum Technology), presented results and plans from WACQT. Peter Viereck from the Danish Quantum Community gave a glance of the impressive quantum ecosystem in Denmark. Lisa Lindén, researcher at Chalmers, described her findings from studying gender aspects and equality in the quantum innovation area. From the industry side, Beatriz Grafulla from Ericsson and Mikael Rönholm from the Volvo Group presented the interest and approach of their companies to quantum technology. The activities of Swedish Defence organisations in the field were described by Charlotta Bengtsson, the Swedish Defence Research Agency and Mikael Schönström, the Swedish Defence Materiel Administration. On stage, also four Swedish Quantum SMEs - Intermodulation Products, quCertify, Deep Light Vision and Quantum Enabling Technologies - briefly introduced themselves and their technologies and business offers. Many more presentations displaying different aspects of quantum technology were given, and we are very impressed with the extent of action going on in the quantum community.

The Annual Day exceeded our highest expectations, and we are eager to continue working to provide arenas for inspiration, networking and collaboration. So, the Annual Day will certainly be back in 2025! Our sincere thanks to all speakers and participants!



IQT Nordics 2024

On June 24-26, QSIP attended the IQT Nordics conference in Helsinki and hosted the Quantum Sweden Pavilion, an exhibition booth where 7 Swedish quantum SMEs (Scalingq, ConScience, Sweden Quantum, Quantum Enabling Technologies, Phase Space Computing, Atlantic Quantum and WACQT-IP) exhibited and met potential customers and collaboration partners. The conference program was exciting, and presentations showed large progress in the development of quantum computers. Several of the Swedish attendees were visible in talks and panel discussions during the conference. In connection with the conference, QSIP organized a group visit to the VTT Quantum Department.

UPCOMING QSIP EVENTS



- Innovation Intelligence reports for different sectors, e.g. automotive + quantum tech
- Access to investor network and interface with start-ups
- Access to QSIP Policy workshops, to influence policy/governance
- Survey and detailed info about quantum standardization work
- Influence and participate in partly publicly funded innovation program for application development
- Influence IQT Nordics 2025 program and participate in program committee
- Access to EU project applications and support with QSIP international partners
- Insight into, contacts with and QSIP considering your interests in international industry and economy networks (e.g. Quantum Industry Consortium)
- Access to internship program for quantum talents
- Visibility in QSIP communication (e.g. on website) and at all QSIP events.

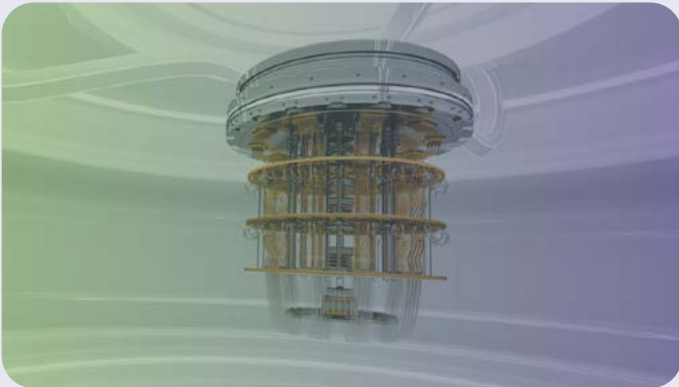
QSIP is heading for the next stage

Join us! During 2024 (QSIP Stage 1), we have been working hard to establish QSIP and to provide benefit and impact for Swedish quantum innovation stakeholders. We hope that you and your organization have taken the opportunity to join in at our open activities (some of which you can read more about in this newsletter). In the next stage (starting November 2024), we will extend and accelerate our activities to suit the Swedish stakeholders' needs. If you want to become more involved in QSIP and influence our activities, then your organization can join QSIP as an Associated Partner, which offers the following benefits to your organization:

- Influence activities via participation in the QSIP steering group/program council
- Priority registration and discount for QSIP events

As public funding only covers 50% of our costs, the partnership comes with an annual fee for your organization. The fee is 7 000 SEK for SMEs, 35 000 SEK for public sector organizations and authorities, and 70 000 SEK for large enterprises. If you are interested to join, please apply [here](#).

As a first step, you may want to register for our newsletters and information about our activities. Register [here](#).



Swedish delegation trip to Quantum World Congress

On September 9-11, Quantum World Congress is taking place near Washington D.C., USA. QSIP then organizes a Swedish delegation trip which includes a VIP event at the Swedish embassy for networking, fruitful discussions and a dinner reception organized by the Swedish Ambassador, a networking reception at the Danish Embassy, study visits to IonQ and University of Maryland (Quantum Technology Center), and, of course, conference attendance and a Quantum Sweden exhibition booth (costs covered for Swedish quantum tech SMEs). For more information, please see [here](#).



National Workshop on quantum and cyber security

In Stockholm, 12.00-16.00, September 25, 2024. QSIP in collaboration with RISE is organizing a workshop to lift potential impacts of the quantum tech development on cyber security. For registration, please see our calendar [here](#).

UPCOMING EXTERNAL EVENTS



Here we list external (non-QSIP organized) conferences and events which we see as interesting for the Swedish Community. However, the list is not complete. Please, let us know of any national or international events that you are participating in and/or see interesting for the Swedish Quantum community. We are continuously adding new items to the list as well as looking at opportunities to bring Swedish actors to these occasions.

[Quantum World Congress \(QWC\)](#), Tyson, VA, USA, September 9-11, 2024

[The European Quantum Technologies Conference 2024 \(EQTC\)](#), Lisbon, Portugal, November 18-20

[Q2B2024 Silicon Valley](#), Santa Clara, CA, USA, December 10-12, 2024

CALLS FOR FUNDING



Quantum-related calls for funding (for more extensive list, please see [here](#).)

HORIZON EUROPE

HORIZON-CL4-2024-DIGITAL-EMERGING-02-01: Developing and deploying a network of quantum gravimeters in Europe. **Deadline 18 September 2024.** [Read more and apply here.](#)

HORIZON-CL4-2024-DIGITAL-EMERGING-02-02: Stimulating transnational research and development of next generation quantum technologies, including basic theories and components (Cascading grant with FSTP). **Deadline 18 September 2024.** [Read more and apply here.](#)

EDF-2024-LS-RA-DIS-QUANT-STEP: Quantum technologies. **Deadline 5 November 2024.** [Read more and apply here.](#)

HORIZON-CL3-2024-CS-01-02: Post-quantum cryptography transition. **Deadline 20 November 2024.** [Read more and apply here.](#)

EIC Accelerator Challenges. Enabling the smart edge and quantum technology components. [Read more and apply here.](#)

HORIZON-JU-Chips-FPA-QAC-1: Call for establishing Framework Partnership Agreement(s) for Developing Quantum Chip Technology for Stability Pilots. Publication 5 September. [Read more and apply here.](#)

HORIZON-JU-Chips-FPA-QAC-2: Call for establishing Framework Partnership Agreement(s) for developing Quantum Chip Technology for high-quality Trapped Ions Pilot. Publication 5 September. [Read more and apply here.](#)

VINNOVA

Acceleration of deep tech companies. **Deadline 22 August 2024.** [Read more and apply here.](#)

Collaborative project for civil-military synergies. **Deadline 17 September 2024.** [Read more and apply here.](#)

Acceleration of Civil-Military Innovations. **Deadline 17 September 2024.** [Read more and apply here.](#)

Innovative collaborations with Singapore in quantum or synthetic biology. **Deadline 30 September 2024.** [Read more and apply here.](#)

Planning grant for international proposals. **Deadline 26 November 2024.** [Read more and apply here.](#)

OTHERS

Qu-Test and Qu-Pilot. **Deadline 30 September 2024.** [Read more and apply here](#) (Qu-Test) and [here](#) (Qu-Pilot)
