

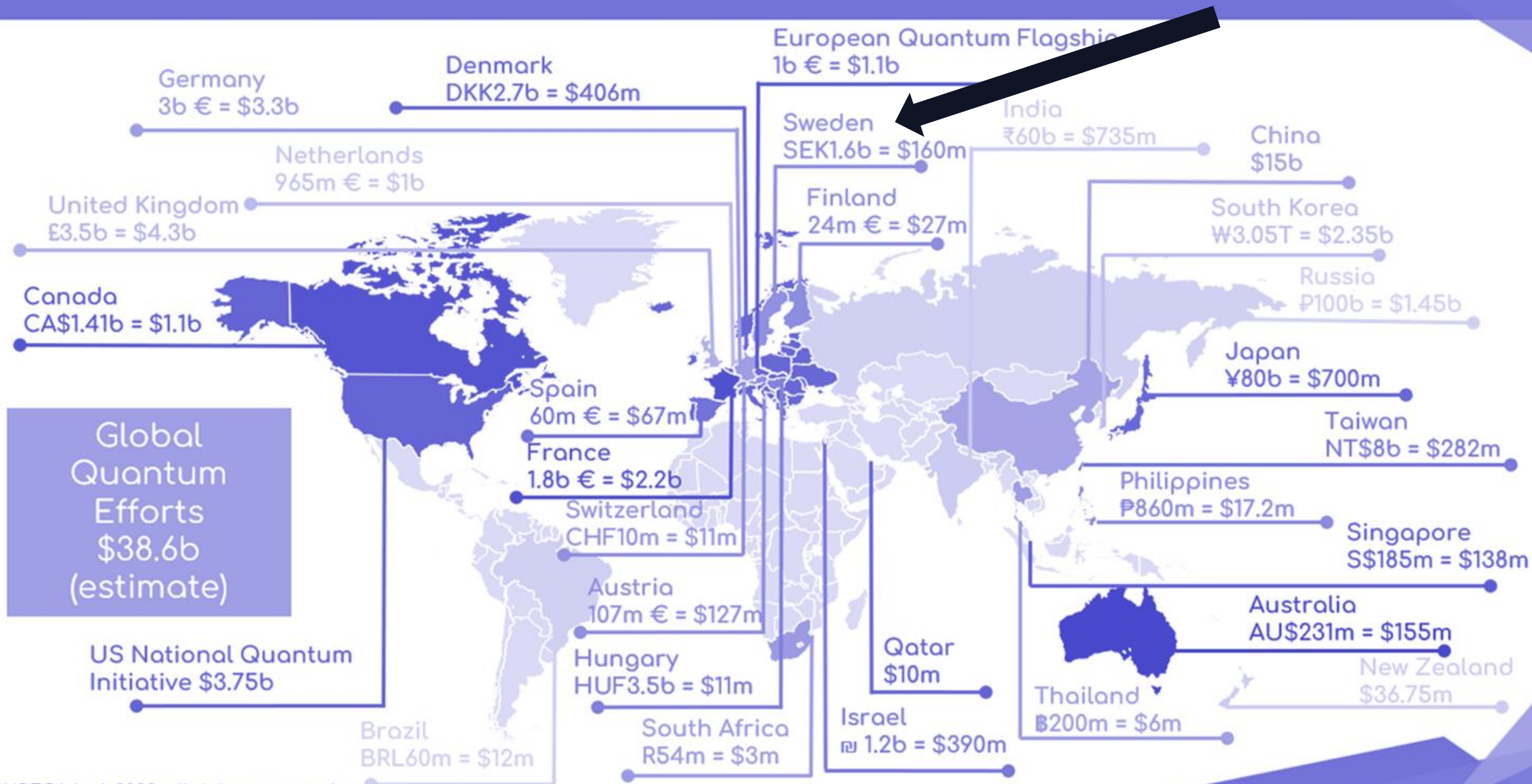


QUANTUM
SWEDEN
INNOVATION
PLATFORM

Johan Felix

Co-Director QSIP

Quantum effort worldwide



Vibrant Swedish ecosystem with many different players

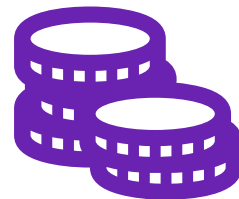


QSIP in brief...



Started in
November 2023
(up to a 10-year effort)

Coordinated by
Chalmers
IndustriTeknik



Financed by Vinnova
and the partners

Establish a national
quantum innovation
platform



VINNOVA

CHALMERS
INDUSTRIOTEKNIK

RI
SE



GU Ventures
HOLDINGBOLAGET VID GÖTEBORGS UNIVERSITET

CHALMERS
NEXT LABS



WACOT-IP



ON
SCIENCE

SCALINQ



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Quantum Sweden Innovation Platform (QSIP) is....

... a platform for **stimulating**, **fostering**,
and **promoting** quantum tech
innovation in Sweden

→ the emergence and growth of a
Swedish **competitive** and **attractive**
industry within and by means of
quantum technology



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QSIP's task

Support national commitment and coordination

Support the formation of a Swedish eco-system within QT innovation

Promote international interactions, collaboration, and visibility of Swedish QT innovation

Quantum literacy

Coordinate with innovation efforts in other deeptech areas

Involve Sweden in policy work and standardization

Facilitate access to infrastructure, capital and competence for innovation and scale-up

Examples of activities during 2024

- Two thematic half-day workshops (communication and cyber-security)
- Formation of QuSIN, Swedish investor network
- Three Swedish delegations to international conferences (IQT Nordics 2024, Quantum World Congress 2024)
- Six webinars
- QSIP conference day with more than 80 participants
- Collaboration activities with innovation ecosystems in Denmark, Finland and the Netherlands
- Website and LinkedIn-page (578 followers, 101 posts)
- Two newsletters with more than 200 subscribers



QSIP start-up support process

- Advising, Coaching, Education
- Company formation - incubation
- Visibility - marketing
- Access to Capital
- Activities to facilitate lab-to-fab



Courses/education

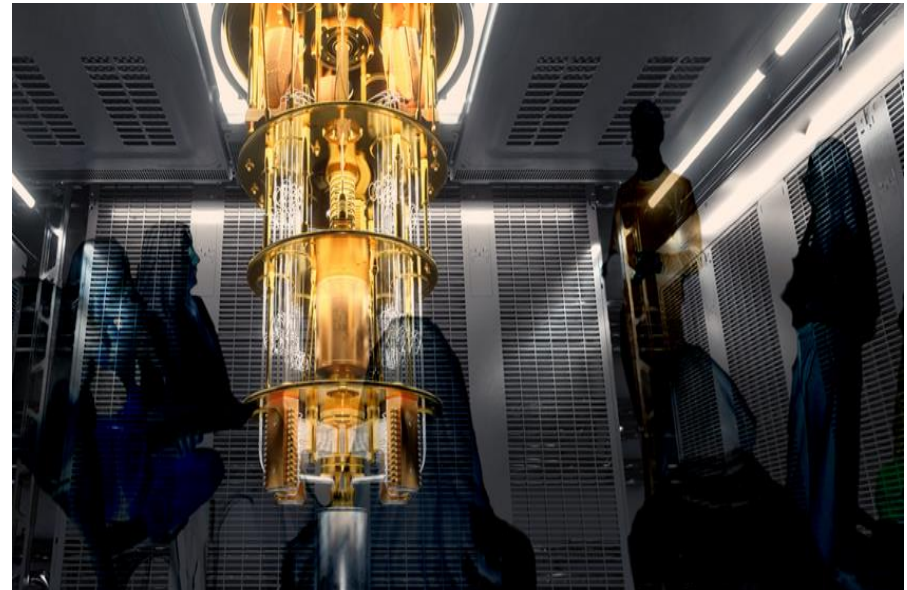
- Entrepreneurship education/workshop for academics, organised by the Innovation offices of involved universities
- Business development and internationalization; for startups, organised by Business Sweden



Sector-specific workshops 2024

- **Quantum Communication** (organised by KTH, NQCIS and Ericsson)

- **Quantum & Cyber security** (RISE)



QUSIN (Quantum Sweden Investor Network)

- Aim:
 - Support a broader understanding among investors of quantum technology and conditions
 - Enable risk-sharing
 - Facilitate interactions between start-ups and investors



Quantum Innovation Competition



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Jon Wingborg

Camilla Johansson

Opens December 4, 2024
see <https://qsip.se>

Monthly Webinars

From Quantum Research Results to Market







SCALINQ

SON
SCIENCE



Quantum Sweden SME map



-  Sweden Quantum [→](#)
-  ATLANTIC QUANTUM [→](#)
-  ILOOMINA [→](#)
-  SON SCIENCE [→](#)
-  ZNF [→](#)
-  SCALINQ [→](#)
-  WACQT-IP [→](#)
-  QET [→](#)

GOTHENBURG

1. Chalmers University of Technology
2. Gothenburg University

-  adamantQ [→](#)
-  DEEPLIGHT VISION [→](#)
-  SPECTRACURE [→](#)

LUND
Lund University



 INTERMODULATION PRODUCTS [→](#)

QBitSi [→](#)

SPQR AB [→](#)

 quCertify [→](#)

 Quantum and Classical Solutions [→](#)

 QUANTUM SCOPES [→](#)

 SVENSKA LASERFABRIKEN AB [→](#)

LINPhA [→](#)

 PHASE SPACE COMPUTING [→](#)

UPPSALA

STOCKHOLM

1. KTH Royal Institute of Technology
2. Stockholm University

LINKÖPING

Linköping University

I N S I D E QUANTUM TECHNOLOGY N O R D I C S | H E L S I N K I

Applied Quantum Technologies and Innovation, June 24-26, 2024

- QSIP on the organising committee
- QSIP arranged Swedish Pavillion where Swedish quantum tech start-ups could exhibit (free of charge) and meet potential customers/partners.
- Conference fee covered for Swedish start-ups
- Grop visit to VTT Quantum Dept on June 27
- In collaboration with Vinnova



IQT **INSIDE QUANTUM TECHNOLOGY**
NORDICS
GOTHENBURG, SWEDEN

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Upcoming Webinars

December 18th (12:00-13:00)

How to balance between internationalization and safeguarding Swedish assets

- Christin Wendel (UU Innovation)

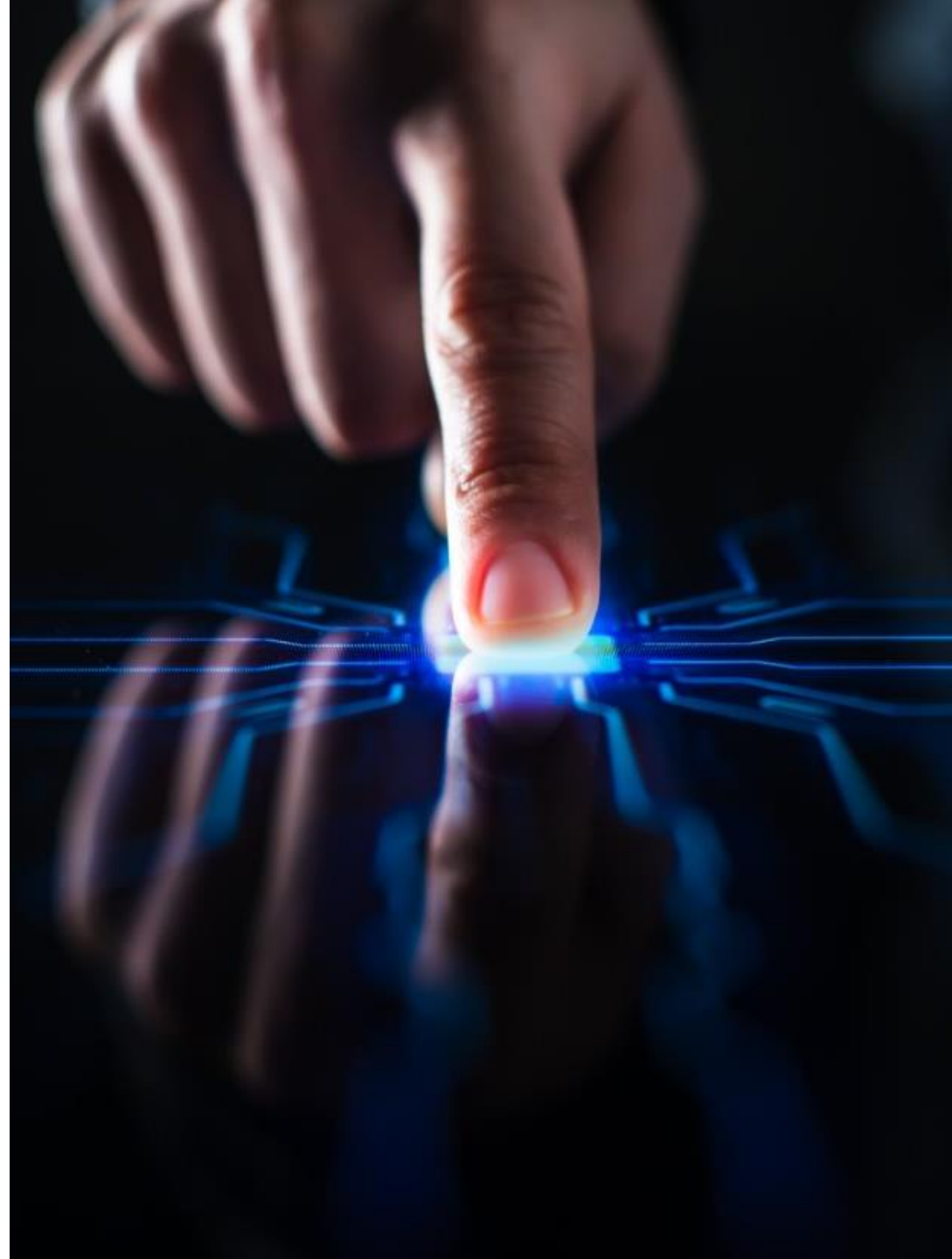
January 22nd (14-15:30)

Export control

- Samuel Horgby (Swedish Inspectorate of Strategic Goods, ISP)



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Thank you

Johan Felix

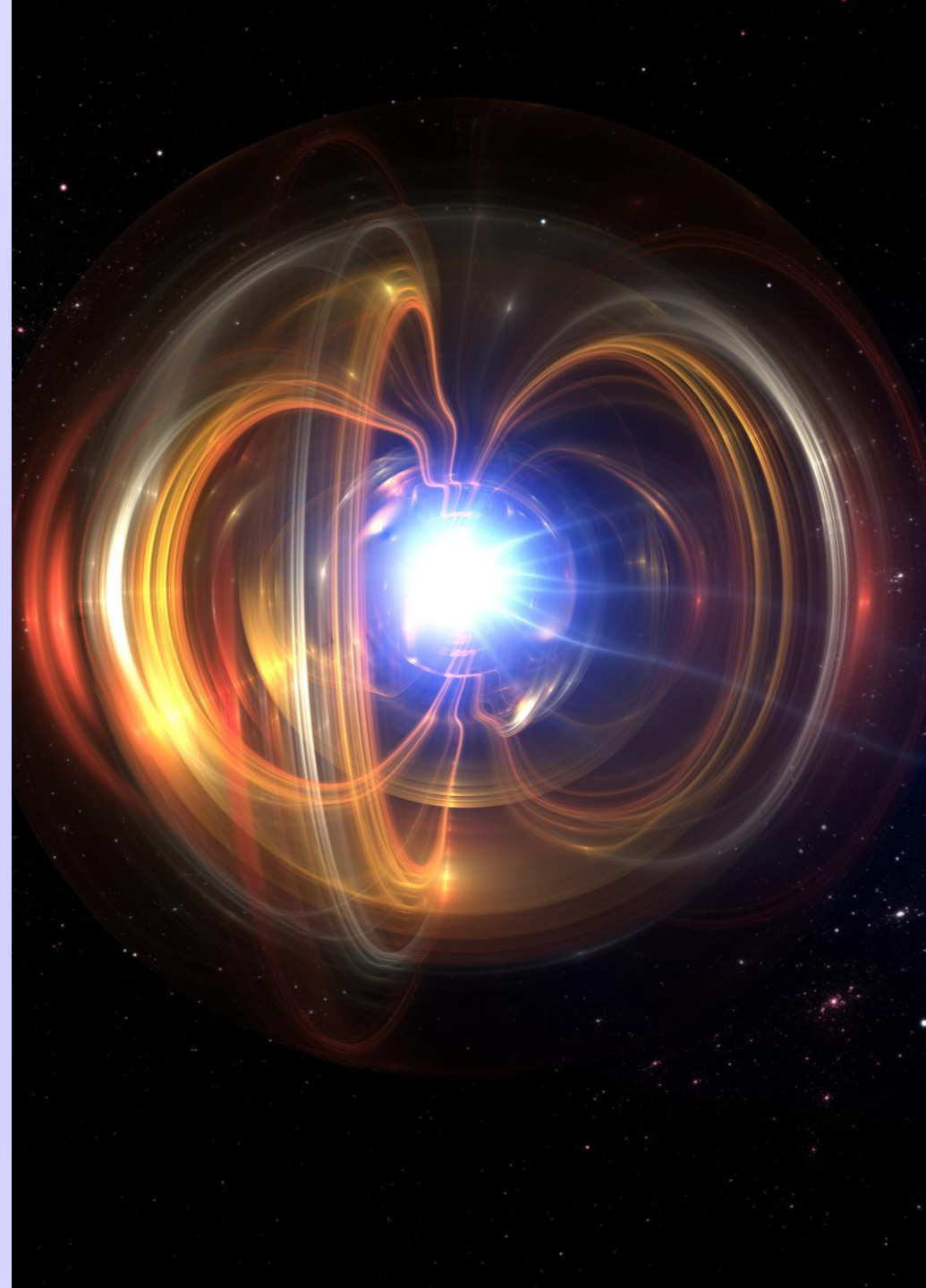
Co-Director QSIP

johan.felix@chalmersindustriteknik.se



www.qsip.se

<https://www.linkedin.com/showcase/qsip/>



Swedish universities, research and technology organizations and centres with activities in quantum science and technology

UNIVERSITIES

- Chalmers University of Technology
- Stockholm University
- KTH Royal Institute of Technology
- Lund University
- Karolinska Institute
- Uppsala University
- Linköping University
- Gothenburg University
- Luleå Techn University

RESEARCH INSTITUTES

- NORDITA
- RISE



CENTERS AND NETWORKS

- Wallenberg Center for Quantum Technology (**WACQT**)
- Quantum Sweden Innovation Platform (**QSIP**)
- National Quantum Communication Infrastructure in Sweden (**NQCIS**)
- Wallenberg Initiative on Networks and Quantum information (**WINQ**)
- Swedish Quantum Life Science (**QLS**)
- Euro CC National Competence Centre (**ENCCS**)
- Quantum Technology Hub Sthlm (**QTH**)



Wallenberg Initiative on Networks and Quantum information



