

THE FUTURE IS QUANTUM

The development of Quantum Computing

Embassy of Japan
in Sweden



SJF, KTH, Chalmers

20 Feb, 2023

21 Feb, 2023

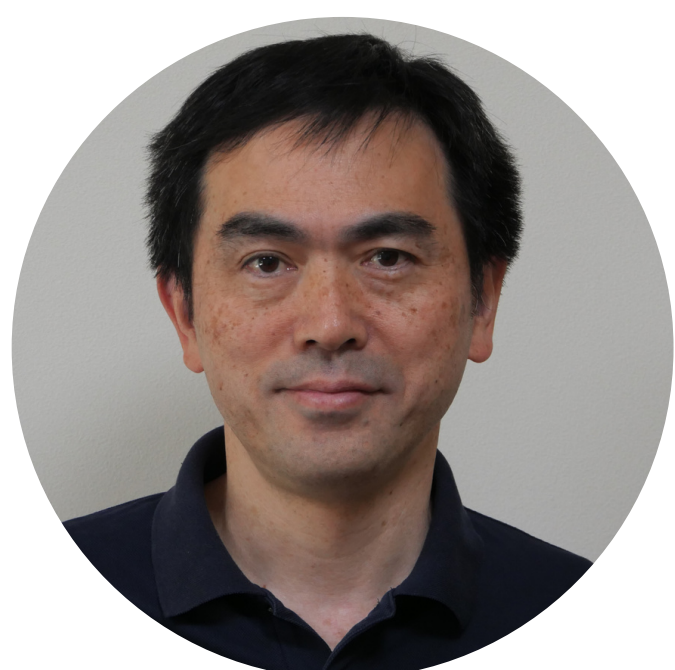
22 Feb, 2023

IVA

AlbaNova

Chalmers

An emerging field of physics and engineering is quantum technology, encompassing technologies that rely on the properties of quantum mechanics. Quantum computing being one example of these technologies, representing a paradigm shift for computing technology, since it can outperform much more than existing computers.



Prof. Akira Furusawa

THE UNIVERSITY OF TOKYO
RIKEN CENTER FOR QUANTUM COMPUTING

Admission is free of charge, but registration is required. Turn for details →

PROGRAM

IVA Conference Centre

Mon, 20 February

Grev Turegatan 16, Stockholm

«Content suitable for the general public»

- 16:00 Intro: IVA/JSPS
- 16.10 Quantum Technologies – now and in the future, Mohamed Bourennane, Professor Stockholm University, Quantum Information and Quantum Optics
- 16:25 Optical Quantum Computers with Quantum Teleportation, Akira Furusawa, Professor, University of Tokyo, RIKEN Center for Quantum Computing
- 17:10 Quantum Computing with Superconducting Circuits, Per Delsing, IVA Fellow and Professor Chalmers University of Technology, Physics
- 17:40 Panel Discussion
- 17:55 Closing remarks by Noke Masaki, the Ambassador of Japan to Sweden
- 18:00 Mingle

[Registration](#)



AlbaNova University Center

Tue, 21 February

«Content suitable for students and researchers»

- 12:00 Lunch
- 13:00 Opening remarks
- 13:10 Presentation by JSPS
- Optical Quantum Computers with Quantum Teleportation, Akira Furusawa, Professor, University of Tokyo, RIKEN Center for Quantum Computing

Chalmers Technical University

Wed, 22 February

«Content suitable for students and researchers»

- 15:00 Open
- 15:15 Opening remarks by Anton Frisk Kockum, Chalmers University of Technology
- 15:20 Presentation by JSPS
- 15:30 Optical Quantum Computers with Quantum Teleportation, Akira Furusawa, Professor, University of Tokyo, RIKEN Center for Quantum Computing