THE FUTURE IS QUANTUM

The development of Quantum Computing

Embassy of Japan in Sweden

JSPS Stockholm Office

Royal Swedish Academy of Engineering Sciences

SJF, KTH, Chalmers

20 Feb, 2023 | IVA
21 Feb, 2023 | AlbaNova
22 Feb, 2023 | 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 Februay

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 researhers》

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 researhers》

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