THE FUTURE IS QUANTUM

-the development of Quantum Computing

JSPS Stockholm Office · IVA Royal Swedish Academy of Engineering Sciences · Embassy of Japan in Sweden · Sweden-Japan Foundation · KTH Vetenskap och Konst · Stockholm University · 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 Center

Mon,20 Februay

Grev Turegatan 16, Stockholm

《Content suitable for the general public》

Registration is here→

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

AlbaNova University Center

Tue,21 February

FD5, Roslagstullsbacken 21, 114 21 Stockholm

《Content suitable for students and researhers》

13:00 Opening remarks by Fredrik Laurell, Professor, KTH /IVA and Mohamed Bourennane, Professor, Stockholm University

13:05 Information from JSPS

13:15- 14:00 Optical Quantum Computers with Quantum Teleportation, Akira Furusawa, Professor, University of Tokyo, RIKEN Center for Quantum Computing

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Chalmers University of Technology

Wed,22 February

PJ Hall, Kemigården 1, Göteborg *《Content suitable for students and researhers》*

No registration is needed

15:00 Coffee and cake

15:15 Opening remarks by Anton Frisk Kockum, Senior Researcher, Chalmers University of Technology

15:20 Information from JSPS

15:30- 16:30 Optical Quantum Computers with Quantum Teleportation, Akira Furusawa, Professor, University of Tokyo, RIKEN Center for Quantum Computing