

STOA workshop
‘Quantum and Chips:
Developing European industrial capabilities in quantum technologies’

Wednesday, 12 October 2022, 14:30-18:00 CET
Room SPINELLI 1G3

Programme

14:30 – 14:40: Welcome - Ivars IJABS, MEP and STOA Second Vice-Chair

14:40 – 15:20: Remarks by European Commission Executive Vice-President Margrethe VESTAGER on the European Chips Act and Quantum Technologies followed by questions and answers (moderated by Ivars IJABS, MEP and STOA Second Vice-Chair)

Session one – Science, Technology and Innovation leaders for policymakers

15:20 – 15:35: *Scientific keynote speech on Quantum software*
Andris AMBAINIS, University of Latvia, Latvia

15:35 – 15:50: *Scientific keynote speech on Quantum hardware*
Tracy NORTHUP, University of Innsbruck, Austria

15:50 – 16:05: *The perspective of European quantum industry*
Laure LE BARS, European Quantum Industry Consortium – QuIC

16:05 – 16:20: *The European infrastructure for quantum computing and simulation: an RTO perspective*
Kristel MICHELESEN, Forschungszentrum Jülich, Germany

16:20 – 16:35: *The European infrastructure for quantum computing and simulation: a quantum startup perspective*
Olivier TONNEAU, Partner, Quantonation, France

16:35 – 17:05: *Networking break*

Session two – Policymakers for Science, Technology and Innovation

17:05 – 17:50: Panel discussion on the “European Chips Act”

Panellists:

- Lina GÁLVEZ MUÑOZ, MEP and STOA Panel member
- Eva MAYDELL, MEP
- Dan NICA, MEP
- Roberto VIOLA, Director-General, Directorate-General for Communications Networks, Content and Technology (DG CNECT), European Commission
- Sabrina MANISCALCO, University of Helsinki and Co-founder and CEO, Algorithmiq Ltd., Finland
- Johanna SEPULVEDA, Airbus Defence and Space, Germany

Moderation: Tommaso CALARCO, EU Quantum Flagship

17:50 – 18:00: Closing remarks - Christian EHLER, MEP and STOA Chair