

International symposium on Quantum computing for quantum chemistry and quantum materials science

International Symposium on Quantum computing for quantum chemistry and quantum materials science is a not-for-profit scientific conference with a focus on science and applications for Industrial Material Science. The symposium is organized by VTT, CSC and Helsinki University in cooperation with the scientific community as onsite participation only.

In this symposium research for quantum chemistry is discussed with emphasis on applications in material science. We hope to lay foundations for future collaboration.

Please notice that the timezone in Finland is EET (GMT+2).

Thursday, 7 December 2023:

- Online presentation via Teams by Alvaro Ballon Bordo, Xanadu: PennyLane's functionalities for Qchem

Friday, 8 December 2023:

- Onsite seminar at VTT, Centre for Nuclear Safety, Kivimiehentie 3, Espoo, Finland



Speakers:

- Ulrich Fekl, Associate Professor, University of Toronto
- Susi Lehtola, Adjunct Professor, Department of Chemistry, University of Helsinki
- Hannu Reittu, Senior Scientist, Quantum algorithms and software, VTT
- Anssi Laukkanen, Research Professor, Integrated Computational Materials Engineering, VTT
- Mikael Johansson, CSC IT Center for Science, Finland
- Jose Lado, Assistant Professor, Applied Physics, Aalto University
- Hanna Linn, PhD student, Chalmers University, Sweden
- Alvaro Ballon Bordo, Physics PhD, Xanadu
- Gopal Peddinti, Senior Scientist, Bioanalytics and biological data science, VTT
- Rupesh More, Digitalization Manager, Research Development and Innovation, Neste

Please click the menu bar above to find more information and registration link to the event.

The event has no participation fee but requires registration by 23 November, 2023. Kindly note that the number of available seats in the event is limited.

Open registration link to the event: www.lyyti.in/Quantum_computing_08122023 (https://www.lyyti.in/Quantum_computing_08122023).

For further information, please contact: Olli Nurmi, Principal Scientist, Project Manager, VTT, Quantum algorithms and software, olli.nurmi@vtt.fi (<mailto:olli.nurmi@vtt.fi>).

This symposium is part of the MatterQ-project funded by Business Finland.

More about quantum technology at VTT:

www.vttresearch.com/en/technology-infrastructures/quantum-computing-and-technologies (<https://www.vttresearch.com/en/technology-infrastructures/quantum-computing-and-technologies>)

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