

Delegation trip to the LUMI-Q consortium's quantum computer



VSB - Technical University of Ostrava, Czech Republic



June 16-17, 2025

Purpose:

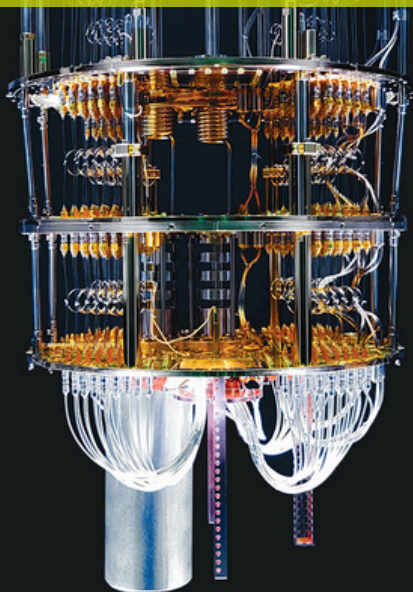
Increased knowledge of the use of the quantum computer and the potential for application as well as national and international cooperation.

Costs:

DeiC covers the costs of flight tickets and hotel accommodation for 1-2 representatives from the university.

No other transport or other expenses are covered.

Any other participants pay for themselves.



Program:

Visit to the location of the quantum computer: VSB - Technical University of Ostrava, Czech Republic. The detailed program is being planned with presentations on the use and local collaboration areas on quantum technology and quantum computers.

Universities are welcome to provide input on desired topics.

Registration deadline:

May 9, 2025 to
maria.gleerup@deic.dk

Target group:

Up to two representatives from each university can be registered.

For the sake of subsequent dissemination and coordination, one representative can be chosen from the local front office.

The other representative should be a person with professional knowledge at a level that can actively contribute to local broad anchoring and potential practical use of both LUMI-Q and other Q-Access activities.

The universities naturally have different organizational structures and professional perspectives in the quantum field. But for example, the other representative can be a person from one of the different quantum hubs.

In short, participation requires that you expect to be able to use the opportunities that LUMI-Q and the Q-Access initiative will offer.

Outcome:

Upon their return, participants from each university are asked to outline a possible plan on a few pages (DeiC will send a template) for the potential for how the quantum computer can be put to practical use in connection with research projects in conjunction with other activities for quantum access via Q-Access at the local university.

Background:

The collaboration and efforts in connection with LUMI-Q and DeiC's Q-Access initiative has a direct background in the Government's quantum strategy on building quantum infrastructure, with the goal of:

"Denmark should have one of the world's leading quantum research environments and be able to effectively translate research into new, applicable technology"

Additional information about background:

- <https://ufm.dk/en/publications/2023/strategy-for-quantum-technology-part-1-2013-world-class-research-and-innovation>
- <https://www.lumi-supercomputer.eu/europe-takes-a-quantum-leap-lumi-q-consortium-signs-contract/>
- <https://www.lumi-supercomputer.eu/vlq-preparations/>
- <https://www.deic.dk/da/news/2024-9-27/europa-tager-et-kvantespring>
- <https://www.deic.dk/da/q-access>



Questions:



About the program: Maria Tammelin Gleerup, maria.gleerup@deic.dk

Technical questions: Greyson Katzel Potter, greyson.potter@deic.dk or Muyang Liu, muyang.liu@deic.dk

Questions regarding the quantum strategy: Henrik Navntoft Sønderskov, henrik.sonderskov@deic.dk