

3rd Workshop on Quantum Computing

@ Welcome Hotel Paderborn

The 3rd Workshop on Quantum Computing provided by Paderborn University continues its training of German industry in quantum computing from a Computer Science perspective. This workshop first reviews the basics of quantum computing, as provided by the developed first Micromodule "Introduction to quantum computing" under the QP-TECH.EDU program. It then delves into cutting-edge topics currently facing industry, namely security and development of software platforms for quantum computing. The workshop ends with an interactive session on using Google's Cirq quantum computing platform. Please note: This will require each participant to have a Google account. The workshop will be ON-SITE at Welcome Hotel Paderborn.

October 26/27, 2023

Starting at 17:00 CET
Welcome Hotel Paderborn

- Free staff training to educate personnel in quantum computing
- Builds on first qp-tech.edu Module, freely available
- Hands-on training with Google's quantum computing platform, Cirq
- Travel funding is available upon request

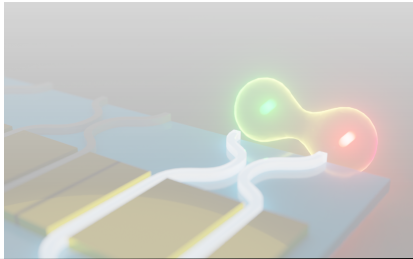
TO REGISTER:

Contact Dr. Lial Khaluf at
klial@mail.uni-paderborn.de.

Please create a Google account for the session on Cirq, if you do not have one.



Federal Ministry
of Education
and Research



3rd Workshop on Quantum Computing

@ Welcome Hotel Paderborn

Chairs of the Workshop

Prof. Sevag Gharibian/Paderborn University, Prof. Johannes Blömer/Paderborn University,
Dr. Lial Khaluf/Paderborn University

Schedule of the Workshop

20:00 - 22:00, 26 October - Dinner
9:00 - 9:20, 27 October - Review of Basics of Quantum Computing
9:20 - 9:50, 27 October - Quiz on Basics of Quantum Computing
9:50 - 10:00, 27 October - Feedback from Industry on Existing Micromodules in Module 1
10:00 - 10:10, 27 October - Break
10:10 - 10:50, 27 October - Quantum Computing, Security, and Platforms
10:50 - 11:00, 27 October - Quiz on Quantum Computing, Security and Platforms
11:00 - 11:10, 27 October - Break
11:10 - 11:50, 27 October - Introduction to Google's Cirq Platform
11:50 - 12:00, 27 October - Feedback from Industry on the Workshop Events

