



Quantum Effects Hackathon

Call for Papers

Quantum Effects is the leading trade fair for application-oriented quantum technologies with an annual cycle and an international impact. It will secure the vanguard role of Europe in this field. Quantum Effects is taking place at the Stuttgart fairground on the 7th and 8th October 2024.

The program with a trade show, stage program, panel discussions, Quantum Effects award, networking night event, Quantum Effects tour, Quantum Effects conference and more is accompanied by an two day Qiskit hackathon in person hosted by Messe Stuttgart and IBM Quantum's Community Team and sponsored by HLRS.

IBM Quantum

IBM Quantum is an industry leader in quantum computing, working everyday towards achieving quantum advantage. IBM's full-stack approach delivers the best of IBM's quantum computing systems together with the most complete suite of quantum software tools and cloud services. Learn, develop, and run programs with quantum applications and systems through cloud access to the most advanced quantum computers available.

The Hackathon

This hackathon is targeted to students, bachelors, masters, and postdocs having a background in quantum computing and programming. We are looking for teams of 4-5 people.

While this event does not exclude anyone, a familiarity with python, Qiskit and quantum computing would help you in this competition.

The hackathon will kickoff with an opening presentation and guideline review.

The hackathon will take place on the 7th/8th October at Messe Stuttgart ICS in the conference area. At the end of the 8th October, a committee of experts will evaluate the outcome and select the winners. Catering, Snacks and Drinks for the participants will be provided by Messe Stuttgart.

Award Ceremony

The award ceremony will take place on the 9th of October at 12:30 during the fair on the "Black Stage". The best team will get the official Quantum Effects award and free entrance tickets for 2025. The first three teams will be invited to visit the IBM Quantum System in Ehningen or the Compute Center of the HLRS in Stuttgart. Talk with the Senioren der Wirtschaft Böblingen how to build an startup.

How to apply

To apply for participation send an eMail with the subject "Quantum Effects Hackathon 2024" for your team to quantum-effects@messe-stuttgart.de with following content:

Name of the team.

Name of the team captain.

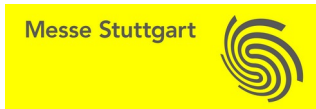
Name of a team coach. (Optional)

Full name and eMail address of all team members.

University education and degree.

Experiences in Quantum computing programming.

The team captain and coach will get all further information and communication regarding the hackathon.



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