



NEC Laboratories Europe is the European research center of the NEC Group, a world leader in the computer and communications markets with a large world-wide base of R&D Laboratories. Top researchers from more than 20 countries develop, pilot, and bring to reality technologies through open innovation.

NEC Laboratories Europe has an immediate opening for a

## Researcher for Quantum Computing

[ref: 1905-335-CST]

NEC Laboratories Europe is looking for a research scientist in the area of quantum computing. NEC is one of the leading research facilities in this area with a strong track of technologies developed in the past decades.

To complement our research on quantum systems, we are looking for a researcher who investigates how to solve real world optimization problems with quantum annealing. You will work on transforming specific optimization problems from classical into quantum computing, develop the respective model and run the software matching the capabilities of today's quantum annealing hardware.

We work in international teams at different world-wide locations. This position is located at NEC Laboratories Europe in the beautiful city of Heidelberg, Germany. Heidelberg offers a large number of exciting cultural, entertainment, and outdoor activities. English is our working language. Initially, the position is limited to two years.

### Desired Skills and Experience:

- MSc / PhD Degree in Physics, Mathematics, Computer Science, or similar field
- Excellent knowledge of the applications of quantum computing
- Experience in programming for scientific applications, in particular mathematical optimization
- Experience with collaborative development tools such as Git
- Experience in programming in Python
- Strong publication record in top-tier research conferences and journals
- Excellent communication and presentation skills in English. Ability to explain complex technology to a diverse audience
- Proven project planning and organization skills

Please send your application **by June 15, 2019** electronically via the applications web system <http://www.neclab.eu/jobs> with reference to **[1905-335-CST]**.

**For questions, please contact:**  
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