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 investigating ways to solve real world optimization problems with quantum annealing. In particular, this task requires transforming discrete models of optimization problems into a form that matches 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 10, 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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