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

High Performance Software Systems Research Scientist / Senior Researcher

[ref: 1903-324-SML]

We are looking for candidates with a passion for operating systems, networks, virtualization technologies and machine learning/deep learning frameworks. (see http://sysml.neclab.eu/ for an idea of the type of work we do). Research is conducted in NEC internal R&D projects and in collaborative European R&D projects with industrial and academic partners. Work objectives are software design and prototyping, publications as well as IPR creation. You will be responsible for carrying out the research and software development in a team of researchers.

NEC Laboratories in Heidelberg (Germany) provides an excellent working environment supporting individual creativity as well as strong teamwork. Our working language is English. The position is initially limited to two years.

Applicants are sought with experiences / skills in at least three of the following areas:

- Programming proficiency in C/C++ and software development under Linux/FreeBSD
- Performance measurement and optimization of software-based network systems
- Low level kernel and driver programming
- Familiarity with virtualization frameworks (e.g., XEN, KVM)
- Familiarity with machine learning/deep learning frameworks a plus
- A strong publication record at top tier research conferences (e.g., SOSP, SIGCOMM, CONEXT, NSDI, ATC, etc.)

We are looking for individuals with a broad background in computer science and we expect at least a bachelors, MSc or PhD degree in Computer Science or Telecommunications. Strong inter-personal communications skills will be a definitive advantage.

Please send your application **30 April, 2019** electronically via the applications web system **http://www.neclab.eu/jobs/** with reference to **[1903-324-SML].**

For questions, please contact:
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