

NEC Laboratories Europe research and develop cutting-edge technology to create innovative social solutions. Researchers choose their projects, lead scientific discovery and are consistently published in top, peer-reviewed scientific papers. NEC Laboratories Europe technology promotes NEC Group solutions for a better society in the fields of digital health, communication infrastructure, safer cities and public services. For more information visit <https://www.neclab.eu>.

## NEC Laboratories Europe has an immediate opening for a (Senior) Research Scientist

in the field of explainable AI and NLP

[ref: 2205-436-HAI]

As a Research Scientist you will research, develop and evaluate prototypes, which form the basis for solutions that lead to real-world impact. This includes the writing of patent applications. You will combine your knowledge of explainable AI and Natural Language Processing to develop human-centric AI solutions.

You will be a member of the human-centric AI group, where you will support our vision to develop methods for human-AI collaboration. To reach our vision, we currently focus on two research areas: (1) explainable AI, so humans can understand predictions of AI systems; (2) natural language processing, so systems can understand human text and communicate with humans.

We are an international team of researchers with a track record of producing top-tier research and we publish regularly at conferences.

At NEC Laboratories Europe, we provide a collaborative, team working environment that supports your career aspirations. Our working language is English. The position is initially limited to two years.

NEC Laboratories Europe is located in Heidelberg, one of Germany's most beautiful and idyllic towns. The city and the surrounding Rhein-Neckar region offer many exciting cultural and outdoor activities.

Please send your application by **30 June 2022** electronically via the applications web system <https://www.neclab.eu/join-us> with reference to **[2205-436-HAI]**.

### Work Objectives

- Conduct research, which leads to top-tier publications in explainable AI and Natural Language Processing
- Bring research prototypes to technology transfers
- Support our vision to enable human-AI collaboration to empower society

### Desired Skills and Experience

- Experience with explainable AI and Natural Language Processing (at least one, ideally both)
- Proficiency in programming languages; Python is a must, Java and C++ are a plus
- Knowledge of machine learning and libraries such as PyTorch and Tensorflow
- Experience with transformer models
- Publication track record at top-tier conferences such as \*ACL, EMNLP, AAAI, NeurIPS
- Ability to define and pursue a research project.

Candidates with a Ph.D. or Master's degree in Computer Science, or a closely related field.

Applicants are encouraged to submit or link code samples from past projects.

### For questions, please contact:

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