



## Innovation through Science

The Honda Research Institute Europe is working at the cutting edge of scientific research towards artificial intelligence, robotics, and intelligent systems. Our vision is a society in which humans and intelligent cyber-physical systems raise and support each other in accord with nature.

We are looking for a highly motivated and talented researcher m/f sharing our spirit of turning pioneering scientific research into groundbreaking innovations. If you want to contribute your ideas for making this a reality, join us at our institute at **Offenbach am Main, Germany**.

## Research Scientist Data Privacy for Intelligent Systems

Living and cooperating with intelligent systems like cars, personal robots, or virtual agents creates highly sensitive personal data. This applies both to data from digital interaction and from sensing the user's physical presence.

To ensure user's trust in our systems, effective means for data privacy and control over data sharing are required. Machine learning methods can assist the user in deciding which data to share with whom for what purpose. Combining this with cryptographic or statistical means to protect sensitive information enables the users to control their image in a digital world.

### Your responsibilities

- Research privacy preservation and data sharing control for interaction with intelligent systems in both digital and physical world
- Integration of your research in our cutting-edge prototypes in robots, cars, and virtual agents at Honda Research Institute Europe
- Publication and presentation of your research results in the scientific community
- Contribution to our collaboration projects with our international partners in academia and industry

### Your profile

- PhD or an excellent Master of Science degree in a related field
- PhDs should have a proven track record of excellent research and the ability to define a research agenda contributing to our vision
- Experience in state-of-the-art data privacy methods (statistical or cryptographic), ideally in a cyber-physical systems context
- Good programming skills in C/C++ or Python

Applicants holding a Master's degree have the possibility to pursue a PhD in cooperation with academic partner institutions.

### We look forward to hearing from you.

Please submit your application, your earliest starting date as well as your salary expectations online at:

[honda.pme-net.de](http://honda.pme-net.de)

or send your application to:

PME – Personal- und Managemententwicklung · Horst Mangold  
Postfach 1334 · 55206 Ingelheim / Germany

Do you need more information? Mr Mangold will be happy to answer any questions you may have at the following number: +49 (0) 61 32 / 899 040.