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
Intelligent Systems Architecture

Robots, IoT and IT infrastructure (cyber physical systems) are moving closer together. This requires new concepts and solutions at the overall architecture level in order to provide valuable and efficient services for users.

Your responsibilities

- Scientific research and technological contributions in the field of system architectures for cyber physical systems, i.e. robots, sensing, computing, and actuated infrastructure
- Research new architecture concepts, analyses and implementations for connected self-sustained systems, considering aspects like local decisions, shared data, cooperative behavior, and global benefit
- Find new solutions to problems like efficient sharing of task-relevant data, temporal organization of groups of self-sustained agents, safe operation in case of partial faults, etc.
- Publication and presentation of research results in top-ranking conferences and journals
- Cooperation with leading universities and industrial research partners

Your profile

- PhD or an excellent Master of Science degree and experience 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
- Applicants holding a Master's degree have the possibility to pursue a PhD in cooperation with academic partner institutions
- Experience or strong interest in systems engineering
- Knowledge in ROS, UML is a plus
- Profound programming skills in one of the following languages: C, C++, Python

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

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.

www.honda-ri.de