Senior / Postdoctoral Researcher m/f/d

Intelligent Behavior Planning for Autonomous Driving & Mobile Robots

The Honda Research Institute Europe GmbH is looking for a Senior / Postdoctoral Researcher to work on the topic Intelligent Behavior Planning for Autonomous Driving & Mobile Robots in an attractive, international and privileged research environment.

The position is part of a global research team working in a highly collaborative way, in close cooperation with a strong network of experts from universities and institutional partners across Europe, Japan, and beyond. Our main target is to research holistic, generalizable, and embodiment-agnostic behavior planning approaches for real-world use-cases. Thanks to our unique positioning as a fundamental research institute embedded in Honda’s industrial R&D, we can transfer fundamental insights to real prototypes in mobile robotics and autonomous driving and create value that impacts at large scale.

Your task

- Driving research in the field of mobile robotics and autonomous driving by exploring cooperative behavior modelling and risk evaluation approaches
- Developing ideas and implementing them in a prototypical fashion
- Integrating your research into HRI-EU’s behavior planning platform and support validation in real prototypes

The position is initially limited to 2 years.

Your qualifications

- PhD degree or similar qualification in computer science, engineering, or related fields
- Solid understanding of state-of-the-art motion/behavior planning methods and knowledge of recent novel planning methods in the research community
- Extensive experience in applying research concepts to real-world problems, preferably in mobile robots and automotive platforms; integrating systems, using and improving middleware and continuous integration pipelines is something that you enjoy
- Experience in Python programming and SW-development tools like git
- Pro-active and curious mind; you are a team player

What we offer

- Working in a friendly, open and highly interdisciplinary environment with an exciting combination of fundamental research and application projects
- Opportunity to publish research papers and participate in international conferences and workshops to foster your scientific profile and professional career
- Attractive salary package including company car
- Demonstrating your work in real-world prototypes to a wider public industrial audience

We look forward to hearing from you.

To make initial contact, please submit your application online mentioning your earliest starting date and your salary expectations to Horst Mangold PME – Personal- und Managemententwicklung, at:

honda.pme-net.de

Do you need more information? Mr. Mangold would be glad to help, and is available at +49 (0) 6132 899 040 – evenings included.