HiWi/Part-Time Student Assistant/Internship Position

Help us Present our Research

Visualizing Research in Artificial Intelligence, Machine Learning, Control, and Networked Systems

The Intelligent Control Systems Group is an independent research group at the Max Planck Institute for Intelligent Systems in Stuttgart and Tübingen and part of the ‘Cyber Valley’. Research in the group focuses on emerging topics such as artificial intelligence, machine learning, and control of cyber-physical systems. This includes, for instance, state-of-the-art control for humanoid robots (see the Apollo robot in the left picture), development of a novel cyber-physical testbed for wireless control systems ([https://www.youtube.com/watch?v=19xPHjnobkY](https://www.youtube.com/watch?v=19xPHjnobkY)), and learning algorithms implemented on a model race car (shown in the right picture).

Convincing visualizations are essential in order to present the developed ideas and algorithms, both to other researchers and to the public. To assist us with that, we are offering a HiWi/student assistant/internship position. Possible tasks could include, for example:

- creating animations that capture the research;
- planning, editing, and producing videos of practical demonstrations and robot experiments;
- design of illustrations, drawings, etc. for research talks and posters.

The HiWi/student assistant/internship position will allow the student to gain experience in visualizing ongoing research on intelligent control systems. The concrete position and tasks are subject to discussion with interested candidates.


MPI for Intelligent Systems, Intelligent Control Systems Group ([https://ics.is.mpg.de/](https://ics.is.mpg.de/))

The project will be carried out at the Intelligent Control Systems (ICS) Group of the Max Planck Institute for Intelligent Systems (MPI-IS) located in Stuttgart and Tübingen, Germany. The MPI-IS is a young, highly dynamic, and internationally oriented research institution with close ties to several national and international partners (e.g. University of Stuttgart, University of Tübingen, ETH Zürich, KTH Stockholm). The ICS group is located at both institute sites, Stuttgart and Tübingen, and we have positions available at both locations.

**Prerequisites:** High motivation and excellent technical skills. Relevant experience with, for example, video editing or creation of animations is a plus.

**Contact:** If you are interested in this position or have any question, please contact us. When applying, please include your CV, grade transcript, and optionally other documents helpful to evaluate your background.

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