



Two Max Planck Research Group Leaders (f/m/d)

The Max Planck Institute for Intelligent System seeks to understand the principles of Perception, Action and Learning in autonomous systems that successfully interact with complex environments and to use this understanding to design future systems. The Institute takes a highly interdisciplinary approach that combines mathematics, computation, material science, and biology. The Tübingen site of the institute focuses on how intelligent systems process information to perceive, act and learn.

We are looking for outstanding candidates in the field of intelligent systems to establish two new independent research groups at our institute's Tübingen site; example areas include:

- Machine learning, including deep learning theory and practice
- Computer vision
- Theoretical work broadly aimed at understanding organizing principles underlying intelligent behavior, including evolution, game theory, markets, mechanism design, collective behavior, and all fields of AI
- Research that exploits physical properties of robotic systems and that can make use of the big data generated by complex robots
- Research that integrates robotics, vision, touch and learning (including reinforcement learning)
- Research toward societal goals such as privacy, trust, fairness, justice, as well as dependability and safety

Candidates should have an exceptional international track record. The establishment of a competitive research program is expected.

The Max Planck Research Group is limited to a term of five years. Depending on the progress of the work and taking into account the financial possibilities and those under labour legislation, your employment can be extended at most twice, by two years in each case, on an individual basis according to scientific criteria and after a positive evaluation. It offers junior scientists who hold a doctoral degree an excellent opportunity to qualify for a further career at a high level. The remuneration is based on remuneration group W 2 of the Federal Civil Service Remuneration Act (Bundesbesoldungsgesetz – BbesG). The successful applicant enjoys an independent status within the institute. Group leader and group members draw on infrastructure and administration of the Max Planck Institute but are also provided considerable funds for personnel, equipment and running costs that enable the group leader to flexibly engage in her or his research project.

The Max Planck Gesellschaft wishes to increase the number of women in those areas where they are underrepresented. Women are therefore explicitly encouraged to apply. Furthermore, the Max-Planck-Gesellschaft is committed to increasing the number of employees with severe disabilities in its workforce. Applications from persons with severe disabilities are expressly desired.

Applications should contain a description of past and future research activities (up to three pages), a CV and publication list and should be submitted in English as a single pdf-file through the [online application system](#).

In addition, three reference letters have to be submitted directly by the referees. After registration at the online application system you will get further information about how these letters sent.

Inquiries should be sent to applications@is.mpg.de.

The closing date for applications is **22.07.2020**