



# Funded Ph.D. Positions at the International Max Planck Research School for Intelligent Systems

# imprs-is

IMPRS-IS is a key element of Baden-Württemberg's Cyber Valley initiative to accelerate basic research and commercial development in **robotics and artificial intelligence**.



The Max Planck Institute for Intelligent Systems and the Universities of Stuttgart and Tübingen collaborate to offer an **interdisciplinary Ph.D. program**, the International Max Planck Research School for Intelligent Systems (IMPRS-IS). This doctoral program will accept its sixth generation of Ph.D. students in spring of 2022.

## We seek students who want to earn a doctorate while contributing to world-leading research in areas such as

- Biomedical Technology
- Computational Cognitive Science
- Computer Vision and Graphics
- Control Systems and Optimization
- Data Science
- Haptics and Human-Computer Interaction
- Machine Learning
- Micro- and Nano-Robotics
- Neuroscience
- Perceptual Inference
- Robotics and Human-Robot Interaction
- Soft Robotics and Materials

People with a strong academic background and a master's degree (conferred or expected soon) in Engineering, Computer Science, Cognitive Science, Mathematics, Control Theory, Neuroscience, Materials Science, Physics, or related fields should apply.

## World-Renowned Faculty

The participating faculty are Aamir Ahmad, Zeynep Akata, Frank Allgöwer, Alexander Badri-Spröwitz, Robert Bamler, Christian F. Baumgartner, Philipp Berens, Matthias Bethge, Michael J. Black, Wieland Brendel, Andrés Bruhn, Andreas Bulling, Paul-Christian Bürkner, Martin Butz, Caterina De Bacco, Christian Ebenbauer, Benedikt V. Ehinger, Peer Fischer, Andreas Geiger, Martin A. Giese, Moritz Hardt, Daniel Häufle, Matthias Hein, Philipp Hennig, Ardian Jusufi, Christoph Keplinger, Katherine J. Kuchenbecker, Hendrik Lensch, Falk Lieder, Nicole Ludwig, Jakob Macke, Setareh Maghsudi, Georg Martius, Michael Mühlebach, Gerard Pons-Moll, Michael Pradel, Tian Qiu, C. David Remy, Samira Samadi, Syn Schmitt, Bernhard Schölkopf, Gabriele Schweikert, Michael Sedlmair, Fabian Sinz, Metin Sitti, Steffen Staab, Ingo Steinwart, Jörg Stückler, Justus Thies, Benjamin Unger, Ulrike von Luxburg, Felix Wichmann, Bob Williamson, Thomas Wortmann, and Charley M. Wu.

Associated faculty include R. Harald Baayen, Peter Dayan, Alexander Ecker, Jonathan Fiene, Bedartha Goswami, Ksenia Keplinger, Miriam Klopotek, Anna Levina, Jim Mainprice, Kay Nieselt, Peter Ochs, Mijung Park, Nico Pfeifer, Peter Pott, Gunther Richter, Ludovic Righetti, Marc Toussaint, Sebastian Trimpe, Isabel Valera, Maria Wirzberger, and Li Zhaoping.

## Program Details

- Admitted Ph.D. students can join our program starting in spring of 2022.
- You will be mentored by our internationally renowned faculty.
- You will register as a university doctoral student and conduct research.
- IMPRS-IS offers a wide variety of scientific seminars, workshops, and social activities.
- All aspects of our program are in English.
- Your doctoral degree will be conferred upon successful completion of your Ph.D. project.
- Our dedicated staff will assist you will throughout your time as a doctoral student.

We seek to increase the number of women in areas where they are underrepresented, so we explicitly encourage women to apply. We are committed to employing more handicapped individuals and especially encourage them to apply. We are an equal opportunity employer and value diversity at our institutions.

Admission will be competitive. If selected, you will receive funding via an employment contract, subject to the rules of the Max Planck Society and the two participating universities.

## To Apply

You can apply at <https://imprs.is.mpg.de> before 11:59 p.m. (23:59) CET on **November 1, 2021**.

Finalists will be invited to selection interviews that will take place online from January 18 to January 21, 2022.

We seek doctoral students who are curious, creative, and passionate about research to join our school and help advance human knowledge about intelligent systems.

For more information visit [imprs.is.mpg.de](https://imprs.is.mpg.de)