

# Working With Us

We are always looking for strong, motivated students to work on our [Bachelor or Master projects](#).

## Ph.D. Student Position in Robot Learning or Computer Vision at U. Innsbruck

The research group in [Intelligent and Interactive Systems](#), led by Profs. Justus Piater and Antonio Rodríguez-Sánchez, has an opening for a Ph.D. student, on a university assistant position that includes minor teaching requirements. The research will be loosely aligned with ongoing [research projects](#) in the lab:

- deep learning in computer vision or robotics
- computational models of biological vision
- biologically-inspired computer vision
- robot vision and closed-loop sensorimotor interaction
- open-ended and intrinsically-motivated robot learning
- concept discovery by learning robots
- goal-oriented exploratory learning
- prediction of action effects
- robot skill optimization
- human-robot interaction and collaboration

### Your Profile

Applicants must have

- earned, or be about to earn, an M.Sc. degree or equivalent in computer science or other relevant area,
- an excellent academic record,
- a strong background in machine learning as well as in robotics and/or computer vision,
- demonstrated prior achievements in some of the above areas,
- a strong mathematical background,
- substantial programming experience in C++ and other languages, and
- excellent written and oral communication skills in English.

Experience with PyTorch/TensorFlow/Keras and/or ROS will be a strong asset.

Enthusiasm for leading-edge research, a team spirit and independent problem-solving skills are essential.

### The University of Innsbruck, Austria

The history of the University of Innsbruck dates back to 1669. It offers a complete set of academic curricula and currently counts 28000 students. Founded in 2001, our young Department of Computer

Science is highly productive in diverse research domains, and is internationally very well connected.

Innsbruck is home to 35000 students who imprint a distinctive, international student atmosphere upon this lively city of 130000. Beautifully located in the Tyrolean Alps, on the Inn river and surrounded by summits of up to 2718m, Innsbruck offers outstanding opportunities and quality of life all around the year.

## How to Apply

Interested applicants should send a letter of motivation, a curriculum vitae including URLs of English-language theses and dissertations, scanned transcripts and diplomas, and contact information of at least two references in PDF to [Justus.Piater@uibk.ac.at](mailto:Justus.Piater@uibk.ac.at).

Applications will be considered as they are received, until the position is filled. Starting date is October 2018 or earlier.

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