

Working With Us

Multiple Ph.D. Positions in Machine Learning for Robotics and/or Computer Vision at the University of Innsbruck, Austria

The Intelligent and Interactive Systems lab headed by Justus Piater and Antonio Rodríguez Sánchez uses machine learning to enhance the flexibility, robustness, generalization and explainability of robots and vision systems. Of particular interest are methods for learning about structure, function, and other concepts that describe the world in actionable ways.

Three University-Assistant Positions

These positions involve minor teaching duties. The specific research topics can be negotiated within the scope of the lab as summarized above.

If interested, e-mail the [required documents](#) to [Justus Piater](#) as soon as possible and no later than **2024-04-24**.

One Project Position

The research activity comprises the integration of robotic perception and execution mechanisms for task-oriented object manipulation in everyday environments. The (negotiable) focus is on affordance-driven object part segmentation and object manipulation using reinforcement learning.

The position is already available. The starting date is as soon as possible and will be defined with the selected candidate.

For further information and applications, please send an email to [Alejandro Agostini](#).

Characteristics of All Positions

The monthly gross salary is based on the [FWF salary scale](#) for doctoral candidates. Note that the gross monthly salary is paid 14 times per year. Furthermore, the university has numerous [attractive offers for employees](#).

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 and in robotics or computer vision,
- excellent mathematical and coding skills (C/C++, ROS, Python),
- excellent written and oral communication skills in English, and
- enthusiasm for leading-edge research, a team spirit and independent problem-solving skills.

Required documents

- CV.
- Motivation letter including previous research experience and research interests.
- Transcripts of grades obtained for B.Sc. and M.Sc. degrees.
- Certificates for academic degrees.
- Names and contact details of 2 referees.

Working Environment

The University of Innsbruck offers a complete set of academic curricula and currently counts 28000 students. The Department of Computer Science is highly productive in diverse research domains and is currently expanding its capacity in Artificial Intelligence.

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.

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