

PhD Position in European Project on Robotics and Education

The Vision for Robotics Lab (V4R) at the Technische Universität Wien (TU Wien) is offering a research position in the European Project ER4STEM (Educational Robotics for Science Technology Engineering and Mathematics) starting with November 2016 for 18 months. The continuation in another project is assured.

The researcher will contribute to designing workshops that teach 21st century skills (creativity, communication, collaboration, critical thinking) to pupils ages 12-16 with the use of robotics. ER4STEM will refine, unify and enhance current European approaches to STEM education through robotics in one open operational and conceptual framework. Innovative approaches will be developed to achieve an integrated and consistent concept that picks children up at different ages, beginning in primary school and accompany them until graduation from secondary school.

Applicants will need a solid background in technology management or industrial engineering, but are not limited to that. Background in robotics or education is not mandatory, yet will be helpful. Most important are the applicant's motivation and fit into the team, especially skills of interdisciplinary teamwork and international communication, the abilities to structure complex problems, conceptualize different inputs and carry out rigorous high-quality research as well as a passion for teaching children are required. It is expected that the research work will be published.

Payment will be according to the university payment scheme for project assistants for a 30h/week position, depending on the candidate's experience and qualifications (http://www.tuwien.ac.at/fileadmin/t/pers1/downloads/Personalkostensaetze_2015.pdf).

Your application should include a concise CV with your contact information and, if available, examples of papers and reports highlighting your work. Please send directly to Prof. Markus Vincze, vincze@acin.tuwien.ac.at

The Vision for Robotics Group (<http://v4r.acin.tuwien.ac.at/>) is part of the TU Wien and located in the centre of Vienna. V4R is a leading center of robot vision for service robotics and industrial robot automation. We make robots see and understand the world around them. Team spirit, fun, and the strive for novel solutions drive us forward. Our passion for teaching unifies us. Within the university we are one of the best performing teams.

TU Wien is located in the heart of Europe, in a cosmopolitan city of great cultural diversity. For nearly 200 years, TU Wien has been a place of research, teaching and learning in the service of progress. TU Wien is among the most successful technical universities in Europe and is Austria's largest scientific-technical research and educational institution. More information can be found on: <http://tuwien.ac.at>

Vienna has been voted for several years the most livable city worldwide. <https://www.wien.info/en/lifestyle-scene/most-livable-city>. Historically, Vienna has always been a city of science and research and is one of the oldest university cities in Europe. Working in Vienna means finding a creative and stimulating environment. Living in Vienna also means living in a city that is regularly rated as having the best quality of life. More information can be found on: <http://www.wien.gv.at/english/>