



Opening PhD Student Position in Haptics & Augmented Reality



Interactive Graphics and Simulation Group Department of Computer Science University of Innsbruck, Austria

Description

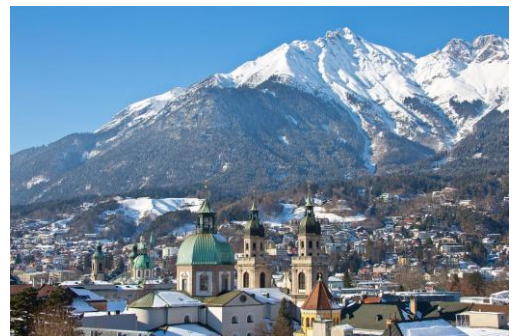
We are seeking a motivated and talented PhD student candidate, with interest and skill in computer haptics and/or augmented reality. The focus will be on using this technology in medical training systems. This will be in collaboration with a worldwide leading company in surgical simulators.

Candidates should have earned a Master or Diploma degree in Computer Science, Mechatronics, Mathematics, or other related fields. Knowledge in haptics and augmented reality is expected. In addition, some experience with medical applications is of advantage. Further, basic knowledge of physically-based simulation could be a plus. Experience in C/C++ programming is expected, as well as an adequate level in English, both written and spoken.

The position is open immediately until filled. It is offered on the level of a non-permanent university research student for four years. Salaries are internationally competitive and commensurate with qualification and experience.

Environment

The applicant will join a modern and well-equipped research lab, which was initiated at ETH Zurich, Switzerland and relocated to Innsbruck in 2014. The group has many years of experience in research related to surgical simulation, computer haptics, augmented reality, and advanced interfaces. The University of Innsbruck, founded in 1669, is a public institution, located in the capital of the Austrian federal state of Tyrol, beautifully situated within the Alps.



How to apply

Candidates should send electronically an application with motivation letter, complete CV, grades/transcripts, relevant certificates, and links to relevant prior publications via email. The compiled material should be sent in PDF format to: matthias.harders@uibk.ac.at

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Please feel free to get in contact in case of questions.