



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



Being There Centre at ETH and NTU: Post-Doc Positions available

BeingThere Centre or the "International Research Centre for Tele-Presence and Tele-Collaboration" is a joint effort between ETH Zurich, UNC and NTU. The BeingThere Centre has branches located at NTU in Singapore, and the campuses of UNC in Chapel Hill and ETH in Zurich. Co-Directors of the BeingThere Centre are Prof. Nadia Magnenat-Thalmann for NTU, Prof. Markus Gross for ETH and Prof. Henry Fuchs for UNC.

The objective of BeingThere Centre is to make major technological and systems-level advances leading to a credible, 3D experience of tele-presence in a fitted room using a mobile platform. The result will be a breakthrough in the quality of interpersonal communication at a distance allowing for eye contact and proper motion parallax among a group of users.

Within the Being There Centre the group of Professors Markus Gross, Marc Pollefeys and Olga Sorkine, will investigate a roving display, which brings a 3D representation of a single distant person to a place to enable natural interaction with others who are there. The display is semi-transparent and will bring the illusion of the other person being present into a room, a laboratory or a hospital. An important part of the research will consist of developing key enabling technologies for tele-presence and cover all relevant aspects ranging from real-time 3D capture, representation, transmission, rendering and displays

Our offer: We offer an exciting post-doc position in the BeingThere center at ETH based in Zurich. You will be part of a talented team of PhD students and postdocs that will create the new generation tele-presence and remote communication and collaboration devices. You will have the chance to work on a wide variety of topics in computer graphics, computer vision, human computer interaction, artificial intelligence and robotics. Your responsibilities are to guide and supervise PhD students as well as conduct your own research. You will closely collaborate and exchange with project partners at NTU and UNC and you will have the opportunity to spend at least one research visit of 6 month in Singapore.

The position is provided with a competitive salary and benefits. ETH is consistently ranked one of the top university worldwide providing state of the art equipment and generous research funding. Zurich is also consistently ranked as a top city in the world for its quality of living. Scenically located on the shore of lake Zurich, it combines the tranquility and charm of a small city with the rich social and cultural life of a vibrant metropolis.

Your Profile: You are holding a PhD in a relevant discipline: computer graphics, computer vision, visual computing - with strong quantitative background - or mathematics, physics, mechanical engineering, electrical engineering - with a focus on virtual reality, tele-presence. You have a good capacity for teamwork, creative problem solving and good communication skills. You should be fluent in both spoken and written English (additional languages are a plus) and have a publication record in relevant peer-reviewed conferences.

How to Apply: Please send a PDF file containing a letter of application, CV and names of 2 referee via email to beingthere.postdoc@gmail.com. Dr. Silke Konsorski-Lang, konsorski@inf.ethz.ch is also available for further inquiries. The positions are open until filled.