Chair of Media Technology
TUM Department of Electrical and Computer Engineering
Technical University of Munich

Assistant (Student)

implementation of teleoperation systems using Raspberry PI

We have already a framework of teleoperation system running in Windows, where two haptic devices are connected through UDP protocol, one as the leader device and the other is the follower.

Your tasks are:

1. move the framework to Linux system.

2. setup a ROS-based virtual teleoperation environment.

3. shift the framework to a raspberry PI.

Prerequisites

Linux, socket programming (e.g. UDP protocol), C and C++, ROS

Advisors

Xiao Xu