Manipulability-Aware Shared Locomanipulation Motion Generation for Teleoperation of Mobile Manipulators

Davide Torielli^{1,2}, Luca Muratore¹, and Nikos Tsagarakis¹

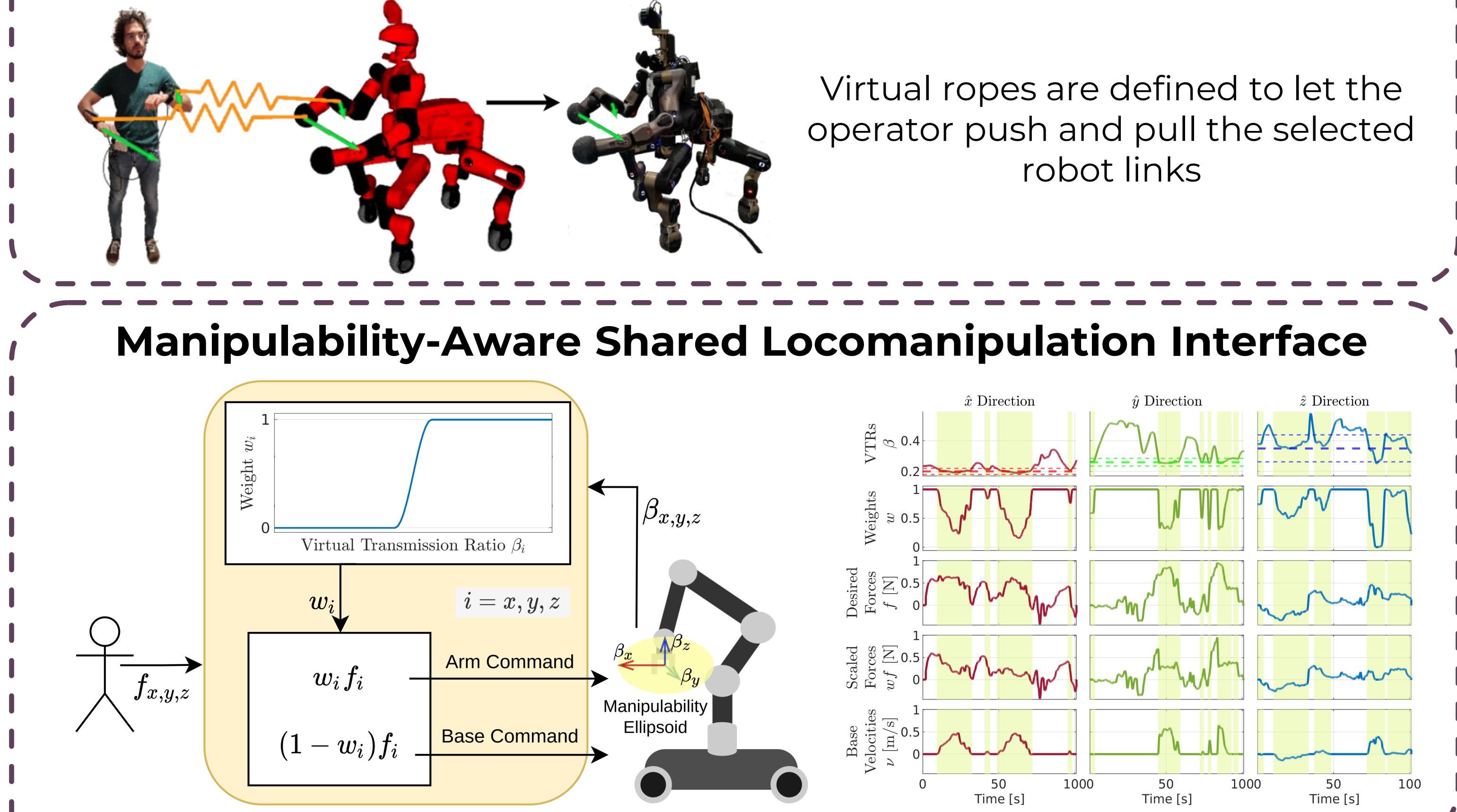
¹HHCM lab, IIT, Genova, Italy

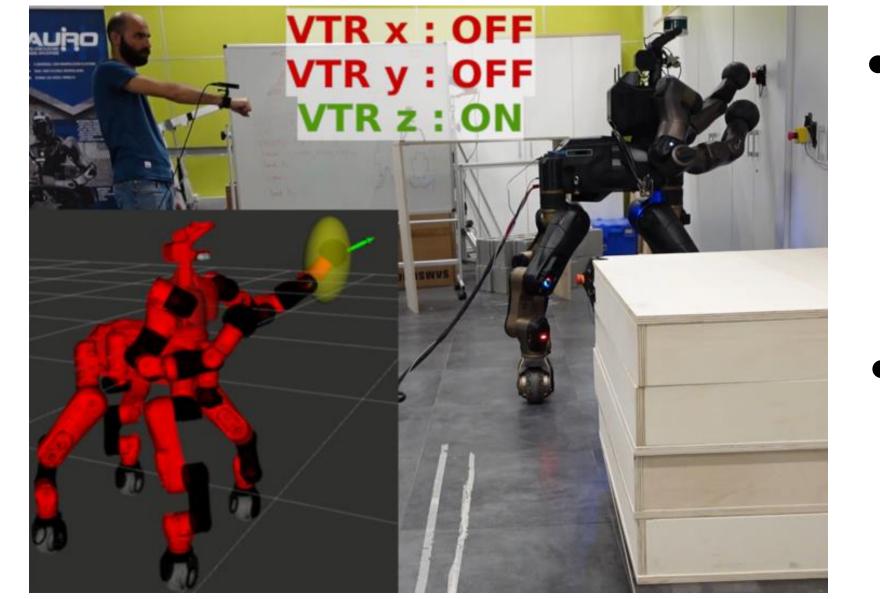




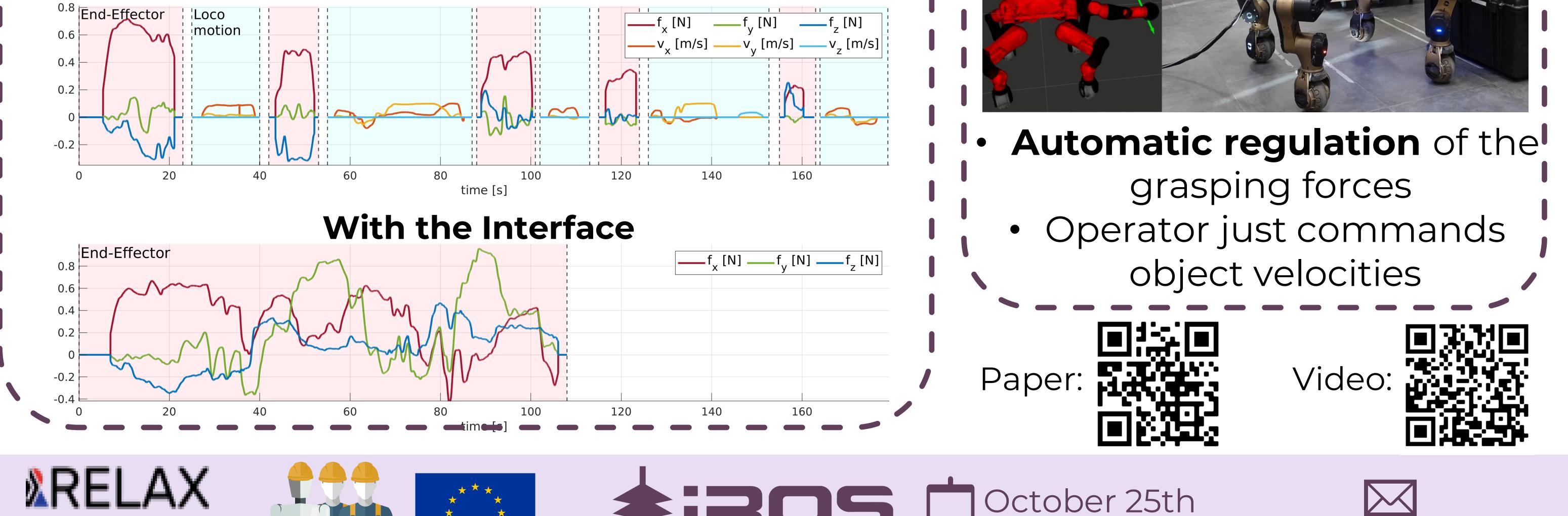
TelePhysicalOperation, a Marionette type interaction interface: The robot is controlled **at a distance** by exploiting the intuitiveness of a Ivirtual physical human-robot interaction through the application of virtual forces

²DIBRIS, University of Genova, Italy





- Arms and mobile base motions are generated based on the arm VTR
- between arm and



KYOTO 2022

Grasping Forces Regulation

davide.torielli@iit.it

TuB-3.7

