







第367回GMSI公開セミナー/第190回CIAiSセミナー/第112回WINGSセミナー

Towards Bringing Assistive Robots to Intelligent Manufacturing

Dr. Luis F.C. Figueredo

Senior Scientist
The Technical University of Munich, Germany

Date: Tuesday, October 18, 2022 11:00-12:00

Venue: 31A, 3F Faculty of Engineering Bldg. 2/

Online (hybrid)

Abstract:

Despite recent advances in hardware and compliant control, robots in the industry are still largely preprogrammed with very little autonomy, especially when it comes to close physical human interaction. In this talk, I will present recent efforts to bring robots closer to humans by embedding human safety, communication, and comfort information into intelligent cobot workers that can manipulate in accordance with geometry, forces, and biomechanical constraints.





Registration (Venue/Online) https://forms.gle/xZDZB6emsy8 qRkEK8 Please register by Oct. 13.

主催: 東京大学大学院工学系研究科専攻間横断型教育プログラム 機械システム・イノベーション (GMSI)

最先端融合科学イノベーション教育研究コンソーシアム (CIAiS)

未来社会協創国際卓越大学院(WINGS CFS) 量子科学技術国際卓越大学院(WINGS-QSTEP) 統合物質·科学国際卓越大学院(MERIT-WINGS) 高齢社会総合研究国際卓越大学院(WINGS-GLAFS)

本件連絡先: 東京大学大学院工学系研究科機械工学専攻 助教 Marques Marinho Murilo GMSI事務局 E-mail: office@gmsi.t.u-tokyo.ac.jp Phone: 03-5841-0696