



UNIVERSITÀ
DI TRENTO

Dipartimento di
Ingegneria Industriale



Department of Industrial Engineering

IDRA Seminars

Wednesday, May 6th

12:15PM-1:15 PM - Seminar Room DII



Join us for a new appointment of the IDRA Seminars, featuring a distinguished guest exploring cutting-edge advances in robotics and autonomous systems.

Path-Following Control of Autonomous Robotic Vehicles with Safety, Liveness, and Performance Guarantees

ANTÓNIO PEDRO AGUIAR

(University of Porto, FEUP)

will present "Path-Oriented Motion Control for Autonomous Robotic Vehicles." He will explore how treating path progression as a control variable enables safer, more flexible, and high-performance motion under constraints and uncertainties. The talk combines Lyapunov-based theory, optimization-driven safety, and experimental insights for next-generation autonomous systems.

This event is part of the IDRA Seminar Series, dedicated to sharing research and ideas at the frontier of intelligent and autonomous systems.



+39 0461 282500



comunicazione.dii@unitn.it



www.dii.unitn.it



Local contact:

luca.zaccarian@unitn.it