

Ferdinando Pompanin

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Istruzione

University of Padua, Master Degree in Mechatronics Engineering	Sept. 2022 – Feb. 2025
• Grade: 104/110	
• Thesis Title: Enhancing human motion prediction through integration of spatial context and object awareness	
• Supervisor: Monica Reggiani	
• Co-Supervisor: Michael Vanuzzo	
University of Padua, Bachelor Degree in Mechatronics Engineering	Sept. 2019 – Sept. 2022
• Grade: 102/110	
• Thesis Title: Valutazione della compatibilità elettromagnetica nei quadri elettrici	
• Supervisor: Diego Dainese	

Work Experiences

Internship at Integra Studio Tecnico	Jul. 2023 – Sept. 2023
• Technical management of cableway system	
• Editing of technical documentation for cableway and other activities of the technical study.	

Research Experiences

The work I did for my master's thesis was conducted within the Computer and Control Engineering Group of the Department of Industrial Systems Engineering and Management at the University of Padua. This six-month experience involved working on research topics, collaborating with doctoral students and postdocs. After completing my thesis, I continued to visit the lab as a visiting fellow.

Publications

<i>Human Motion Prediction Using Spatial Semantics of Objects: The PADSO Approach</i>	2025
Vanuzzo, M., Pompanin, F., Guidolin, M., Reggiani, M. IFAC Joint Conference on Computer, Cognition and Communication, Padua, Sept. 2025	

Languages

Italian: Native

English: B2 (writing), B1 (speaking)