

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

Human Motion Prediction Using Spatial Semantics of Objects: The PADSO Approach 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)