

Curriculum Vitae

Personal Information

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Short biography

Iacopo Tamellin is an Associate Professor at the Department of Engineering for Medicine of Innovation at the University of Verona since 2024, where he works within the ICE and ALTAIR Laboratories. Between 2020 and 2024, he was a Research Fellow and Researcher (RTD-A and RTD-B) at the Department of Management and Engineering at the University of Padova. He obtained his PhD in Mechatronics and Product Innovation Mechanical Engineering at the University of Padova in 2021. His research focuses on the development of cutting-edge technologies in the fields of automatic machines, vibration control and motion planning, co-simulation and digital twin development, multibody system dynamics, and robotics. Furthermore, he has been involved, as a collaborator or scientific coordinator, in several projects funded by public institutions (e.g., MIUR, MISE, Veneto Region, Fondazione Cariverona, Fondazione Cariparo) and private companies (e.g., Uteco Converting SpA, L'Inglesina baby SpA). Prof. Tamellin collaborates with several national and international institutions; these collaborations have led to the publication of several scientific papers in international journals and in the proceedings of international conferences, receiving the Best Paper Award at the ISIEA 2024 conference. Moreover, he is a member of the editorial board of two international journals in the fields of mechanics of machines, robotics, and industrial automation.

Education

PhD in Mechatronic Engineering and Mechanical Product Innovation

University of Padova | 2017 – 2020. Final grade: Optimum.

Master's Degree in Mechatronic Engineering

University of Padova | 2015 – 2017. Final grade: 110 with honors/110.

Bachelor's Degree in Mechanical and Mechatronic Engineering (Curriculum Mechatronics)

University of Padova | 2012 – 2015. Final grade: 110/110.

High School Diploma (Technological Scientific Curriculum)

Liceo Scientifico Tecnologico M.O. L. Dal Cero | 2007 – 2012. Final grade: 100/100.

Academic Experience

Associate Professor

University of Verona | Oct 2024 - Present

Assistant Professor (Tenure track researcher RTD-B)

University of Padova | Oct 2023 - Sep 2024

Assistant Professor (Fixed-term non-tenure track researcher RTD-A)

University of Padova | Jan 2022 - Oct 2023

Postdoctoral Researcher

University of Padova | Oct 2020 - Jan 2022

PhD Researcher

University of Padova | Oct 2017 - Sep 2020

Academic Teaching

- Industrial plants & production management (Module: Industrial plants), Master degree in Computer Engineering for Intelligent Systems, University of Verona. Academic years: 2025/2026 – 2024/2025
- Multibody Systems Dynamics: modeling and simulation, Doctoral degree in Intelligent Systems Engineering, University of Verona. Academic year: 2025/2026.
- Logic and Programming of Automatic Machines, Master degree in Mechatronic Engineering, University of Padova. Academic years: 2025/2026 – 2024/2025 – 2023/2024 – 2022/2023.
- Dynamic modeling and simulation of multibody systems, Doctoral degree in Intelligent Systems Engineering, University of Verona. Academic year: 2024/2025.
- Multibody Systems Simulation, Bachelor degree in Product Innovation Engineering, University of Padova. Academic years: 2023/2024 – 2022/2023 – 2021/2022.
- Eigenstructure assignment methods for controlling and simulating multibody systems, Erasmus Funded seminar for the Department of Naval and Industrial Engineering, Universidad de La Coruna. Academic years: 2022/2023.
- Dynamic Modeling and Numerical Simulation Methods for Multibody Systems, Doctoral degree in Mechatronic Engineering and Mechanical Product Innovation, University of Padova. Academic year: 2024/2025.
- Mechanics of Automatic Machines, Bachelor degree in Mechanical Industrial Engineering, University of Bolzano. Academic year: 2021/2022.
- Mechanics of Machines, Bachelor degree in Mechanical Industrial Engineering, University of Bolzano. Academic year: 2021/2022.

Qualifications

National Scientific Qualification for the position of Associate Professor in the Academic Recruitment Field 09/A2 – Mechanics of Machines (valid from 06/02/2023 to 06/02/2034). Following Ministerial Decree no. 639 of 02/05/2024, the Academic Recruitment Field 09/A2 was reclassified as Scientific Disciplinary Group (GSD) 09/IIND-02.

National qualification to practice as an Industrial Engineer (27 February 2019).

Work Experience

Contract Professor

University of Padova | Oct 2024 – Present

Contract Professor

ITS Meccatronico Veneto | Dec 2017 - Present

Intern / R&D Engineer / Consultant

Uteco Group | Nov 2017 - Present

Contract Professor

University of Bozen-Bolzano | Oct 2021 – Sept 2022

Intern / Trainee Student

AXOR Industries | Feb 2016 - Oct 2016

Scientific publications

Google scholar: <https://scholar.google.com/citations?user=w1AisRsAAAAJ&hl=it&oi=ao>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57203749099>

ResearchGate: <https://www.researchgate.net/profile/Iacopo-Tamellin-2>