Updated
June 30, 2025

Personal information

Name / Surname	**Filippo Zoffoli**
Address	Via Duca Degli Abruzzi, 39z, Rimini, RN
Telephone	+39 3662963596
Personal Email	filippo.zoffoli6@unibo.it
Nationality	Italian
Date of birth	13/12/1998

Didactic and Scientific Activities

Dates	19/02/2024 - 11/06/2024 and 17/02/2025 - 13/06/2025
Name and Address of employer	University of Bologna, Via Zamboni 33
Type of business or sector	University
Type of employment	Academic tutor of the Laboratory of Robotics and Mechatronics
Main activities and responsibilities	Teaching support activities, production and maintenance of teaching materials.

Education and training

Dates	01/03/2023 - in progress
Title of qualification awarded	Ph.D. in Mechanics and Advanced Engineering Sciences
Principal subjects/Occupational skills covered	Reconfigurable robotic systems for automated large-scale applications
Name and type of organization providing education and training	University of Bologna - Department of Industrial Engeneering
Level in national or international classification	90
Dates	19/09/2020 - 10/10/2022
Title of qualification awarded	Master Degree in Mechanical Engineering
Principal subjects/Occupational skills covered	Thesis title: Feedback Control of Underactuated Cable-Driven Parallel Robots, final grade: 110/110L
Name and type of organization providing education and training	University of Bologna
Level in national or international classification	74
Dates	19/09/2017 - 07/10/2020
Title of qualification awarded	Bachelor's Degree in Mechanical Engineering
Principal subjects/Occupational skills covered	Thesis title: Design of a portable coffee press, final grade: 106/110
Name and type of organization providing education and training	University of Bologna
Level in national or international classification	71

Personal skills and competences

Mother tongue	**Italian**
Other language(s)	

Self-assessment
European level

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	A1	A1	A1	A1	A1

(*) *Common European Framework of Reference* (CEF) level

Communication skills

Good ability to draw up reports; excellent skills in summarizing and presenting work derived from team projects during university and Ph.D.

Organisational and managerial skills

Good ability to set objectives and plan effectively; Good ability to collaborate with colleagues, even from different fields such as electronics and IT

Computer skills and competences

Specialized in Office Suite, Specialized in CAD software. Known programming languages: MATLAB (High), Python (Low), C (Medium), C++ (Medium).

List of publications

[1] Ida' E., Zoffoli F., Carricato M. (2024). Hybrid-Control-Based Workspace Analysis of Overconstrained Cable-Driven Parallel Robots. In: Lenarčič, J., Husty, M. (eds) Advances in Robot Kinematics 2024. ARK 2024. Springer Proceedings in Advanced Robotics, pp. 324-331, doi:10.1007/978-3-031-64057-5_37

[2] Zoffoli F., Coccia V., Ida' E., Carricato M. (2024). A rapid initial-pose self-calibration method for underactuated cable-driven parallel robots, In: Quaglia G., Boschetti G., Carbone G. (eds), Advances in Italian Mechanism Science, IFToMM Italy 2024, Mechanisms and Machine Science, pp. 366–374, doi:10.1007/978-3-031-64553-2_43

[3] Zoffoli F., Ida' E., Carricato M. (2025), Design and control optimization for hybrid-controlled overconstrained cable-driven parallel robots, Mechanism and Machine Theory, 209, pp. 1-17, doi:10.1016/j.mechmachtheory.2025.105998

[4] Zoffoli F., Ida' E., Carricato M. (2025), Initial-pose self-calibration for deployable overconstrained Cable-Driven Parallel Robots, to be presented in the 34th International Conference on Robotics in Alpe-Danube Region, RAAD2025, 18-20 June, Belgrado, Serbia