

Francesco Felicioni

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🌐 Website

🔗 ResearchGate

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Employment History

- 2024 – ... 📖 **Race Analyst for Formula 1 and World Endurance Championship**
Alma Automotive 🌐
- 2024 📖 **Teaching at IFTS course for aeronautical maintenance**
Enaip Foundation 🌐

Education

- 2023 – 2026 📖 **PhD - Mechanics and Advanced Engineering Sciences**
University of Bologna 🌐
Research Topic: Design, testing and numerical characterization of a helicon-based electric propulsion system.
- 2021 – 2023 📖 **M.Sc. in Aerospace Engineering** University of Bologna.
Final Grade: 110/110 Cum Laude.
Thesis title: *Feasibility analysis and preliminary design of an Helicon-based ABEP in VLMO.*
- 2016 – 2020 📖 **B.Sc. in Aerospace Engineering** University of Pisa.
Final Grade: 99/110.
- 2011 – 2016 📖 **High school diploma** Liceo Classico Europeo "M. Delfico" Teramo.
Final Grade: 80/100.
- 📖 **Diplôme du baccalauréat général** Académie de Nice.
Final Grade: Assez bien.

Skills

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|------------------------|---|
| Languages | 📖 Italian (native), English (fluent) and French (proficient). |
| Coding | 📖 LUA scripting, Python, MATLAB & Simulink, $\LaTeX$. |
| Softwares | 📖 OpenFOAM, Paraview, SolidWorks, Office suite, NI suite, LabView, Autodesk Fusion. |
| Additional hard skills | 📖 Plasma physics, system engineering, technical design, numerical methods, academic research, teaching, training. |
| Additional soft skills | 📖 Leadership, effective communication, flexibility, public speaking, team work, networking. |

Research Publications

Conference Proceedings

- 1 F. Ponti, N. Souhair, R. Andriulli, *et al.*, “Advancing iodine thruster technology: Insights and objectives of project boost,” in *Proceedings of the 38th International Electric Propulsion Conference (IEPC)*, 2024.

F. Ponti, N. Souhair, R. Andriulli, *et al.*, “BOOST: Advance iodine electric propulsion for smallsats and on-orbit servicing,” in *Proceedings of the 38th International Electric Propulsion Conference*, Toulouse, France, Jun. 2024. [URL: https://www.researchgate.net/publication/388587090_BOOST_Advance_Iodine_Electric_Propulsion_for_SmallSats_and_On-Orbit_Servicing](https://www.researchgate.net/publication/388587090_BOOST_Advance_Iodine_Electric_Propulsion_for_SmallSats_and_On-Orbit_Servicing).