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| Davide Banzi | linea orizzontaleDavide Banzi(+39) 3496337365e-mail: davide.banzi@outlook.comLinkedin: [www.linkedin.com/in/davide-banzi-5609a918a](http://www.linkedin.com/in/davide-banzi-5609a918a) |
| **ㅡ**Presentation | linea orizzontale40th cycle PhD Researcher of the University of Bologna. His research activity is focused on Orbit Determination field. In particular, the extraction of optical observables from images of deep space spacecraft missions for navigation and orbit determination. |
| **ㅡ**Work Experience | linea orizzontaleAlma Mater Studiorum – Università di Bologna Department of Industrial Engineering - Forlì/ PhD Student01/11/2024 – ongoing, Forlì, ItalyRadio Science and Planetary Exploration Laboratory- UNIBO/ Trainee Thesis Student13/05/2024 – 31/10/2024, Padova and Forlì (smartwork), ItalyThe internship was part of master's thesis project. It was a collaboration between the Department of Industrial Engineering of the University of Padua and the Radio Science and Planetary Exploration laboratory of the University of Bologna. The project focused on the study of orbital determination of a satellite through stellar occultations.UNIPD SEALS PROJECT/ PROJECT MEMBER2020 - 2022, Padova, ItalyParticipation in the University of Padua student project AVERLA (Autosoccorso Valanghivo E Ricerca Localizzazione Artva), later renamed SEALS, dedicated to designing a drone capable of aiding search and rescue operations in avalanche environments. |
| **ㅡ**Education | linea orizzontaleUniversity of Padua, Department of Industrial Engineering Aerospace curriculum / Master's Degree26/11/2021 – 22/10/2024, Padova, ItalyMaster’s degree in Aerospace Engineering on October 22nd 2024, with a final thesis: “Tecniche di determinazione orbitale di un satellite attraverso le occultazioni stellari” carried out in collaboration with Radio Science and Planetary Exploration Laboratory of University of Bologna.University of Padua, Department of Industrial Engineering Aerospace curriculum / Bachelor’s Degree01/10/2018 – 19/11/2021, Padua, ItalyBachelor’s degree in Aerospace Engineering with a final thesis: “Simulazione numerica della traiettoria orbitale del James Webb Space Telescope”. |
| **ㅡ****Publications** | linea orizzontale**Feasibility analysis of a CubeSat mission for Space Rider observation and docking**01/05/2024, Padova, ItalyAuthors: Chilin L., Bedendo M., Banzi D., Casara R., Costa G., Dolejsi E., Quitadamo V., Trabacchin N., Visconi D., Visentin A., Basana F., Olivieri L., Colombatti G., Francesconi A.It is a feasibility analysis, leading to possible solutions for the implementation of a satellite that inspects an orbiting object in space.Presented at the XXVII AIDAA Congress on 5 September 2023.Published by Springer. |

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