

University Academic Curriculum Vitae

Personal details	Ludovico Ortombina
Current position	<ul style="list-style-type: none">• Assistant Professor (RTDb)• August 2023• University of Padova
Education since leaving school	<ul style="list-style-type: none">• 2015, Master's degree in Mechatronics Engineering at University of Padova.• 2019, Ph.D. in Mechatronics and Product Innovation Engineering (curriculum Mechatronics) at University of Padova.
Professional experience	<ul style="list-style-type: none">• Aug 2020 – Aug 2023, Research fellow (RTDa), University of Padova
Teaching experience relevant to the position	<ul style="list-style-type: none">• Renewable Electric Energy Conversion and Storage (2023/2024) University of Padova• Green Power Conversion and Utilization (2020/2021, 2021/2022, 2022/2023) University of Padova• Electric and Hybrid Mobility – Electric powertrains and batteries (2021/2022, 2022/2023, 2023/2024) Libera Università di Bolzano• Veicoli Ibridi Elettrici (2021/2022, 2022/2023, 2023/2024, 2024/2025) University of Padova
Membership	<ul style="list-style-type: none">• IEEE member,• IEEE IES, IEEE IAS, IEEE VTS and IEEE PELS member
Participation to conferences	<ul style="list-style-type: none">• IEEE International Electric Machines & Drives Conference (IEMDC 2023, San Francisco, USA, May 15-18, 2023.• IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD 2023), Newcastle upon Tyne, UK, Apr. 13-14, 2023.• IEEE energy conversion congress and exposition (ECCE 2022), Detroit, USA, Oct. 9-13, 2022.• Optimization of Electrical & Electronic Equipment (OPTIM 2021), Brasov, Romania, Sept. 2-3, 2021.• Twenty-one IEEE workshop on control and modeling for power electronics (COMPEL 2020), Aalborg, Denmark, Nov 9-12, 2020.• International symposium on sensorless control of electrical drives (SLED 2019), Torino, Italy, Sept. 9-10, 2019.• Nineteenth IEEE workshop on control and modeling for power electronics (COMPEL 2018), Padova, Italy, June 25-28, 2018.• IEEE international conference on power electronics and drive systems (PEDS 2017), Honolulu, USA, Dec. 12-15, 2017.• IEEE energy conversion congress and exposition (ECCE 2017), Cincinnati, USA, Oct. 1-5, 2017.
Language competence	English B2

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