

Stefano Bracco

Fixed-term assistant professor

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Education and training

Ph.D. in Mechanical Engineering (Fluid Machinery and Energy Systems)

University of Genoa - Genoa - IT

M.Sc. in Management Industrial Engineering

110/110 cum laude

University of Genoa - IT

Academic experience

2015 - ONGOING

Assistant Professor of Power Systems Engineering

University of Genoa - IT

Language skills

English

Proficient

French

Proficient

Swedish

Basic

Teaching activity

Teaching activity at the University of Genoa:

- Since A.Y. 2015/2016 "Electrical Installations" (B.Sc. in Electrical Engineering)
- Since A.Y. 2016/2017 "Power Systems Simulation and Optimization" (M.Sc. in Energy Engineering)
- Since A.Y. 2018/2019 "Critical Energy Infrastructures Modelling and Simulation" (M.Sc. in Engineering for Natural Risk Management)
- A.Y. 2011/2012 "Energy Systems Simulation" (M.Sc. in Management Industrial Engineering)
- A.Y. 2010/2011 "Environment-friendly Technologies for the Energy Sector" (M.Sc. in Management Industrial Engineering)
- Supervisor of more than 70 B.Sc. and M.Sc. in Engineering

Research interests

Research activities focused on:

- smart microgrids, distributed generation, electrical storage systems, electric vehicle charging infrastructures within the NICES-Lab of Genoa University operating at the Savona Campus
- optimization of energy systems in collaboration with the DIBRIS Department of Genoa University
- electric mobility in collaboration with the Energy Department of Politecnico di Milano
- simulation of power plants in collaboration with the Industrial Engineering Department of Padua University
- modelling of smart microgrids in collaboration with the University of Palermo
- microturbines and microgrids in collaboration with Ansaldo Energia SpA
- electrical storage systems in collaboration with FZSoNick SA
- smart microgrids, distributed generation and energy markets in collaboration with foreign Universities