

CURRICULUM VITAE

of

Claudio Scarpelli

Claudio Scarpelli was born in Piombino in 1991. He received his master's degree in Electrical Engineering in 2018, and his PhD title in Energy, Systems, Territory and Construction Engineering of University of Pisa in 2022, with a thesis entitled "Modeling and experimental validation of Battery Energy Storage Systems".

In 2021 he won a Research grant at the Department of Energy, Systems, Territory and Construction Engineering of University of Pisa (DESTEC) regarding the "Study on electro-thermal models for the characterization of lithium cell and battery packs".

In 2023 he became Junior Assistant Professor in Electric Power System area (ING-IND/33), at DESTEC department of University of Pisa.

Main research activities:

- Electro-thermal modeling of lithium cells and battery packs.
- Study on aging models for lithium cells.
- Energy and power flow modeling of electric and hybrid drives.