

Valentina Consolo

PhD

Assistant professor in electrical energy at DESTEC - University of Pisa. She received her Master degree cum laude in 2018, and her PhD degree cum laude in 2022, defending the Thesis “Linear Tubular Electromagnetic Devices: Design and Applications”. Her thesis was awarded with the 2023 IEEE Best PhD Thesis Award for Sustainability.

Since 2017 she taught both in the class “Electrotechnics” in the Energy Engineering Bachelor program and in the class “Design of Electrical Machines” in the Electrical Engineering Master program. Since March 2024 she has been the holder of the class “Electrotechnics” in the Management Engineering Bachelor program.

Her post-doc activities aim at addressing electrical challenges related to Renewable Energy Communities, like the integration of different kinds of renewable energy sources (solar, wind, biomass, sea-wave), the analysis of electrical consumption profiles and their simulation starting from aggregated data.

Valentina is an IEEE member and serves as a volunteer for the IEEE Women In Engineering Affinity Group of the Italy Section, with whom she organizes panels and awards within some IEEE conferences. She has taken part in a number of international conferences and acts as a scientific reviewer for several international journals and conferences.