

*Claudia Simonelli, Ph.D.*

Assistant Professor in Applied Electromagnetics

Claudia Simonelli is currently an Assistant Professor in the Scientific Discipline ING-IND/31, at the School of Engineering of the University of Pisa.

In September 2019, she received her Master's degree in Electrical Engineering (110/110 cum laude) from the University of Pisa with a thesis titled "Development of an innovative MagnetoRheological Fluids based Haptic Device excited by Permanent Magnets."

In November 2019, she was awarded a scholarship for a Ph.D. in Smart Industry, a joint program between the Universities of Florence, Pisa, and Siena and in collaboration with the Region of Tuscany. She obtained the title of Doctor of Research in 2023, with the thesis: "Development of Electromagnetic and Smart-materials-based devices for industrial applications." Between November 2022 and September 2023, she held a Research Fellowship (Borsa di Ricerca) titled: "Study of a high-frequency electromagnetic device with an amorphous material core."

In 2019 and 2022, she spent two periods abroad to perform research activities: at MIT in Boston in the group of Prof. Lynette Jones and at the University of Alcalá (Spain) in the group of Prof. Efrén Díez-Jiménez.

She has been a co-chair in a session of the IEEE AIM 2023 International Conference - Advances in Magnetism. She has participated in several international conferences, and serves as a scientific reviewer for some international journals and conferences.