CURRICULUM VITAE
Alessandro CIOCIA

He graduated in "Energy and Nuclear Engineering" in 2012 and in a 2nd level Master's degree in "Programming and management of energy systems" in 2013 at the Politecnico di Torino. He obtained the title of PhD in Electronic Engineering at the Politecnico di Torino in 2017, with a final paper related to the study of the optimal integration of renewable sources and storage systems in the electricity grid.

Since 2017 he has been a research fellow at the Energy Department (formerly the Department of Electrical Engineering) of the Politecnico di Torino. His research activities include the innovative design, study and simulation of photovoltaic solar systems, the definition of their current-voltage curve and the identification of defects in photovoltaic modules through electroluminescence tests. His research topics include the optimization of the sizing of photovoltaic generators and the effects of a high penetration of renewable sources and storage systems into the electricity grid, the control of voltage in distribution networks with high penetration of renewable sources and the prediction of the production of photovoltaic systems.

He currently collaborates for exercises and laboratories with the teachers of the courses "Photovoltaic and wind generation of electricity", "Power generation from renewable sources", "Design of electrical systems" and "Electrical and safety systems" held at the Politecnico di Torino.
He is co-author of more than 15 articles published in international journals and more than 35 papers in international conferences.
He participates in the European projects "Euro-mongolian cooperation for modernisation of engineering education EU-MONG" and "Training Hub for Renewable Energy Technologies in Sri Lanka- THREE LANKA".

He is a member of the IEEE and the Order of Engineers of the Province of Turin, where he is a member of the Commission "Electrical and Special Systems".