

# Tadeo Pontecorvo

## Electrical Engineer

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### Contacts

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Location: Rome, Italy

I am a passionate electrical engineer with a background in physics eager to apply his enthusiasm and knowledge to new challenges in the renewable energy sector.

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### Core Skills

- Very fast and eager learner
- Excellent presentation skills
- Deductive reasoning and critical thinking
- Highly proficient with MS Office, EMTP, LabVIEW, MATLAB
- Fluent in English, Spanish and Italian

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### Experience

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#### CIRI - FRAME / Research Associate

March 2020 - Present, Bologna

#### M.Sc. Sustainable Energy Technology / TU Delft

October 2015 - February 2016, Delft - 1 semester

#### C.H.O.S.E. / Intern

June 2014 - October 2014, Rome

At the Center for Hybrid and Organic Solar Energy I developed the necessary procedures and set-up to test and compare the performance of new generation solar cells under indoor lighting conditions.

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### Education

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#### M.Sc. Electrical Engineering / Alma Mater Studiorum - Unibo

September 2017 - December 2019, Bologna - 110/110 with honors

Thesis: "La stabilità alle piccole oscillazioni nei sistemi elettrici di potenza"

#### B.Sc. Physics / Sapienza University of Rome

September 2010 - December 2014, Rome - 107/110

Thesis: "Studio comparato di dispositivi fotovoltaici per la conversione d'energia in condizioni di illuminazione indoor"

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## Publications

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T. Brown, F. De Rossi, T. Pontecorvo

*"Characterization of photovoltaic devices for indoor light harvesting and customization of flexible dye solar cells to deliver superior efficiency under artificial lighting"* 15 Oct 2015 - Applied Energy

T. Brown, F. De Rossi, T. Pontecorvo

*"Flexible Photovoltaics for Light Harvesting under LED lighting"*  
10 Jun 2015 - 15th EEEIC

J. A. Adu, F. Napolitano, T. Pontecorvo et al.

*"Influence of Fast Frequency Response Services in DFIG-Based Wind Power Plants on Power Grids Stability"* 9 Jun 2020 - 20th EEEIC