

# Francesco Mariottini

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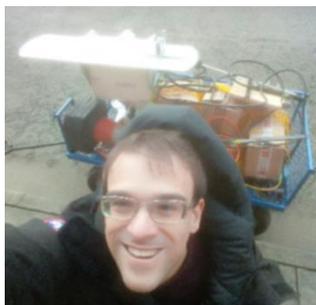


I am a researcher with a broad portfolio of training and jobs on measurement, data management, statistics and policy analysis.

I joined the SOLAR-TRAIN project to work with both academic and industrial partners within a multicultural European network of researchers.

The aim was to further improve my professional skills in project management, research, data analysis, communication and photovoltaics (subject of my master's thesis) and to obtain a doctoral degree.

Initial research objectives evolved to cope with shrinking resources and loss of external collaborations. Still, my interest in research was acknowledged by the best poster prize for the work ["Evaluation of Uncertainty Sources and Propagation from Irradiance Sensors to PV Energy Production"](#) at the UK national photovoltaics conference and the oral presentation ["Assessment and Improvement of Thermoelectric Pyranometer Measurements"](#) at the European Photovoltaic Solar Energy Conference and Exhibition (EU-PVSEC) after leading a collaboration between senior researchers across Europe.



Fascinating pedestrians with the mobile experimental outdoor characterisation setup: 30+ kg of engineering!!

So far, the impact of irradiance measurement uncertainty on photovoltaic performance and yield assessment has been underestimated. However, different data handling approaches and/or calibration procedures may have an important impact on such evaluations, even in the long term.

Some PhD students may not receive good support from the start. Most of the time they must find innovative solutions to apparently insurmountable challenges by themselves.

Based on my experience, I am looking forward to contributing further to the improvement of knowledge share and training across the European Union.

## My Solar-Train story

**"Adaptability is not imitation. It means power of resistance and assimilation."**

**(Mahatma Gandhi)**

Working in the UK I better understood the increasing competition and distance between EU and non-EU countries. The SOLAR-TRAIN network only partially mitigated it. However, it was a chance to improve my self-management skills and confirm my commitment to support research in the EU.

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