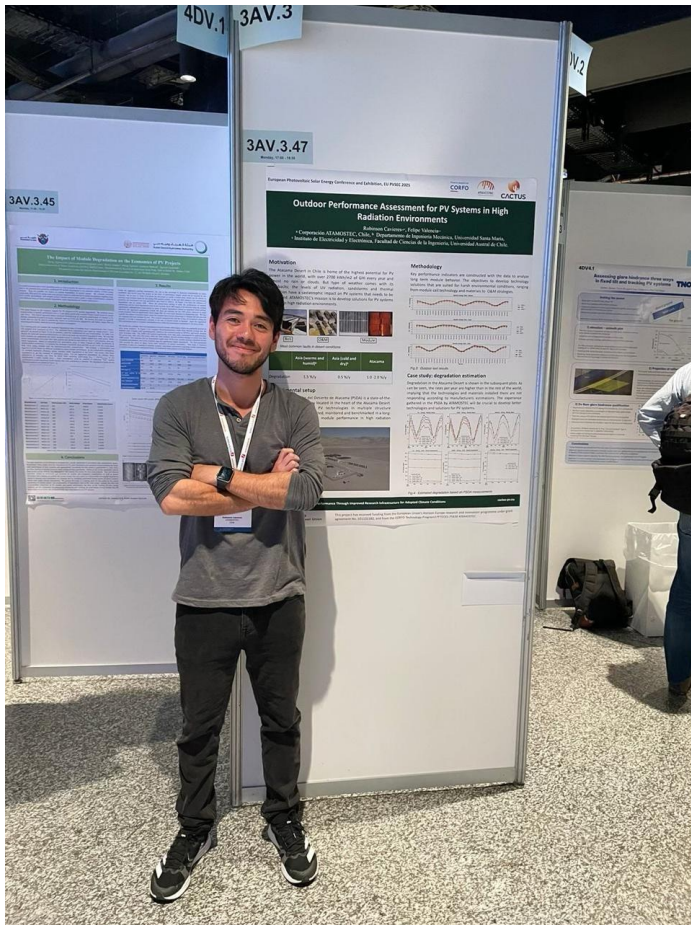


TRAINING ACTIVITIES

Objectives

- Study degradation methodologies and calculations in photovoltaic modules
- Find a methodology for characterizing degradation in modules of the Atacama Desert
- Develop a digital twin solution for the PSDA

Insert an image here



Results

- Preliminary findings show that soiling losses needs to be isolated from performance metrics to properly assess degradation
- Future work will focus on estimating soiling accumulation from field data.
- Developed an ANN model of a for DC power generation, validated on ATAMOSTEC data.
- Future work will focus on validating the model on external systems.

Training Activity	Internship at CEA INES
Date	09/09/2024-20/09/2024
Number of attendees	1
Place and country	Chambery-France
Consortium Partners involved	ATAMOSTEC – CEA INES
Additional Notes	



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