Workshop Agenda

Early and reliable detection of degradation and failures in Photovoltaics for improved lifetime output (PV-4LIFE)

Date/Time	7th April 2021 / 11:00 – 12:00
Location	Online Workshop
Hosted by:	University of Cyprus
Moderator:	Andreas Livera (University of Cyprus – PV Technology Laboratory)

Background: Optimal performance and lifetime output of photovoltaic (PV) systems can be safeguarded by data analytic algorithms and methodologies that can automatically and remotely diagnose (identify and classify) failures, losses and degradation mechanisms.

This workshop will provide cutting edge insights and technical information in the area of PV performance, failure detection and performance loss quantification. Emphasis will be given on the identification and classification of performance degradation.

The workshop is intended for local and international partners, researchers and stakeholders in the PV energy sector. The participants will get the required technical background and in-field knowledge of the work carried out in the PV-4LIFE project.

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11:00	**11:05**	0:05	**Welcome** *Welcome by Andreas Livera - Principal Investigator (University of Cyprus)*
11:05	**11:20**	0:15	**PV Technology Laboratory general presentation and research activities** *Presentation by Marios Kynigos (University of Cyprus)*
11:20	**11:40**	0:20	**Identification of performance degradation and the classification of failures and performance loss into fault and degradation mechanisms – Insights, latest results and future work** *Presentation by Andreas Livera (University of Cyprus)*
11:40	**11:50**	0:10	**Discussion**
11:50	**12:00**	0:10	**Closing Remarks and Potential Collaborations**

"The PV4-LIFE project started in July 2019 and is scheduled to run for 24 months. The PV-4LIFE project is financed by the University of Cyprus."