

CALL FOR ABSTRACTS



Three-Day Workshop

COST Action PEARL PV CA16235

22-24 September, 2021

Online or hybrid on location depending on future Covid-19 developments

Abstract deadline: 31 August, 2021

On behalf of COST Action PEARL PV, we are honored to invite you to submit an abstract on your latest achievements in photovoltaic (PV) system research, development, and applications to the 2021 Workshop of three days, which will take place either fully online or in a hybrid format, so to not disadvantage groups/individuals who cannot travel, from 22 till 24 September 2021. In case of a hybrid event, participants can attend online or in-person on a location, which will be selected - before the end of August - on the basis of the best conditions for event hosting and travel under the rapidly changing Covid-19 situation in Europe.

This three-day workshop is a follow-up to the previous workshop programs which took place in Utrecht, the Netherlands, in February 2020 and in Lisbon, Portugal, in 2019. PEARL PV workshops are focused on the main theme of this COST Action, namely "Performance and Reliability of Photovoltaic Systems: Evaluations of Large-Scale Monitoring Data". The aim of COST Action PEARL PV is to improve the energy performance and reliability of photovoltaic (PV) solar energy systems installed in Europe and elsewhere leading to lower costs of electricity produced by PV systems by a higher energy yield, a longer life time and a reduction in the perceived risk in investments in PV projects.

COST Action PEARL PV aims to be the platform for PV system research for experienced PV experts, entry-level professionals, students and seasoned colleagues from industry and consultancies. This workshop provides a unique opportunity to meet, share and discuss PV-system-related findings to a broad audience.

Abstract submission instructions

To have your work considered for presentation at the annual workshop of PEARL PV, please submit the following:

1. An evaluation abstract (3 pages maximum, for review, including graphs and figures with results, the evaluation abstract is not meant for posting) and
2. A short abstract of no more than 300 words in length for display on the PEARL PV website.
3. Please include your name, affiliation, email address and names of all co-authors!
4. Mention the Working Group(s) of PEARL PV to which your abstract relates.
5. Please indicate whether you like to present in-person or online.

Please follow the suggested format; evaluation abstracts are expected to be detailed enough to allow a thorough review for programming purposes.

The deadline for submission of the abstracts is 31 August, 2021 at midnight CET. Abstract submission is via email addressed to Ms. Saskia Groenendijk at s.m.groenendijk@utwente.nl

Workshop topics

This year's call includes several cross cutting themes that span across the 5 Working Groups of PEARL PV, please indicate in the header or footer of your abstract to which WG(s) your work relates.

- WG1: PV monitoring
- WG2: Reliability and durability of PV
- WG3: PV simulation
- WG4: PV in the built environment
- WG5: PV in grids

Publication in a scientific journal

We are also continuing the option of offering authors who submit particularly high quality abstracts an opportunity to directly submit a manuscript to MDPI journal Applied Sciences¹ (Impact Factor 3.0). This path allows authors to bring their high quality research to the PEARL PV community as well as publishing their work in a high impact journal. Please mention on top of your abstract "Review for journal publication" if you are interested in this opportunity.

On behalf of the whole PEARL PV community we look forward to welcoming and meeting with you at our event.

Emilio Muñoz Cerón (Dr.) Co-Organizer of this PEARL PV Event

Jonathan Leloux (Dr.) WG5 Chair and Co-Organizer of this PEARL PV Event

Tareq Abu Hamed (Dr.) Co-Organizer of the PEARL PV Event

David Moser (Dr.) Vice-Chair of COST Action PEARL PV

Angèle Reinders (Prof.dr.) Chair of COST Action PEARL PV

¹ On the basis of the Workshops in Utrecht in 2020, a Special Issue on "Performance Analysis of Photovoltaic Systems" of Applied Sciences got published. It covers 6 interesting, high-level research papers by PEARL PV researchers, see here for full content of this Special Issue:

https://www.mdpi.com/journal/applsci/special_issues/performance_analysis_photovoltaic