

## Call for Abstracts for the 2025 PVP MC Workshop in Albuquerque, New Mexico (May 13-15, 2025)

Co-organized by Sandia National Laboratories, CFV Labs and GroundWork Renewables, this **three-day** workshop will examine the technical aspects of PV module and system performance, including performance modeling, monitoring, and O&M analytics. This year's workshop will cover topics from solar resource assessment, module characterization, PV performance modeling, performance monitoring, failure diagnostics, and prognostics.

Logistical information and the registration link will be forthcoming.

We are soliciting technical presentation proposals from the community. If you have modeling approaches, new data, or other interesting results to share please consider submitting a short abstract describing what you would like to present at the workshop. The following is a list of possible sessions. Final sessions will depend on topics submitted.

- Solar resource assessment
- Module characterization methods
- PV performance modeling (including bifacial)
- PV tracking methods and modeling
- Application of PV performance models to grid integration studies
- Curtailment and PV + BESS modeling
- KPIs, capacity and performance testing of power plants
- Performance monitoring and O&M analytics including prognostics
- Software interoperability
- Power plant underperformance
- Digitalization of PV systems and asset portfolios
- Applications of machine learning or artificial intelligence in a PV project's pre-construction and operations phases
- Software or specific tutorials, PV technical working group meetings. Submit your proposals.

Technical abstracts (Max 300 words + 1 figure) should include **title, author list, organization name**, and a **brief technical description** of the contribution here: <https://forms.gle/aZEyMrKyaHT98Uxt7>. Note that all presentations (including from sponsors) must be technically focused (no sales pitches).

Abstracts are due: **February 1, 2025**

### **Student Scholarships and Travel Grants**

Students enrolled in an accredited college or university degree program (undergraduate or graduate) may be eligible for free registration and a travel grant that would help to offset travel and lodging costs. To be considered, the student must submit a **technical abstract** for a presentation as well as a **research statement (Max 1-page)** that includes the following information:

- Name and contact information of student
- School name and name and contact information of academic advisor or department administrator.
- Expected degree and graduation date
- Brief statement describing research interests and experience (submit with abstract as separate file)