



PVQAT

International PV Quality Assurance Task Force

Announcing our upcoming webinar of the PVQAT Soiling Group:

WattGlass Anti-Soiling PV Coatings

14 May 2019 14:00 UTC 7:00 San Jose 8:00 Denver 16:00 Paris 18:00 Dubai 19:30 Mumbai 22:00 Shanghai

For the time in other locations, consult this [event world clock](#)

Agenda:

Advanced Characterization, Field Performance, and Techno-Economic Considerations of an Anti-Soiling Coating for PV Modules

Drew FLEMING, Senior Research Engineer at WattGlass, Inc.

Mike WOODHOUSE, Senior Analyst at the Strategic Energy Analysis Center (SEAC)

Anti-soiling coatings for solar PV modules are an exciting technological solution to mitigate module output losses due to soiling. As this technology continues to gain market acceptance, there is much active work being done to fully understand the fundamental mechanisms, reliability, and economic implications of anti-soiling coatings. This presentation will cover WattGlass' collaborative work with the SLAC National Accelerator Laboratory to apply synchrotron-based X-ray analysis tools to study interactions between WattGlass' anti-soiling coating and particulate contamination, the results of on-going field performance tests at DOE Regional Test Centers (RTCs), and, finally, techno-economic analysis for anti-soiling coatings.

Our speakers:



Dr. Drew FLEMING is a senior research engineer at WattGlass, an Arkansas-based company specializing in research, development, and manufacturing of low-cost, high-performance coatings for optical applications, including PV power and industrial lighting. At WattGlass, he has worked with collaborators at the SLAC National Accelerator Laboratory and Sandia National Lab to apply synchrotron-based X-ray analysis tools to study the chemical and morphological interactions between particulate soils and WattGlass' high-performance anti-soiling/antireflective coating for PV modules. He also leads field deployment efforts to validate performance of the WattGlass coating.



Dr. Michael WOODHOUSE is a senior analyst within the National Renewable Energy Laboratory's (NREL) Strategic Energy Analysis Center (SEAC). His analysis activities are focused on solar energy technologies, economics, and policy. He also serves as Associate Editor for the American Institute of Physics peer-reviewed Journal of Renewable and Sustainable Energy. In this role he is responsible for selecting and coordinating publications related to energy economics and policy. He is also the lead economics analyst for the DuraMAT Consortium, which is a program of U.S. university and national lab research administered by NREL

Meeting Details: PVQAT TG12 webinar: Access Code **605-616-101**

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