

Join Us for an Exciting Internship Opportunity Event!
HBCU Clean Energy Education Seminar Series on Solar Energy
Organized in collaboration with the University of Central Florida
Title: Using Photovoltaic Module Characterization to
Research Reliability at the Florida Solar Energy Center
Date: Friday March 28, 2025

Time: 12:00 PM - 1:00 PM EDT

Location: **In-Person (Food & Drinks Provided)** BCB141, East Campus, Albany State University

Join Virtually: **[Join the meeting now](#)**

Are you passionate about solar energy and eager to understand more about photovoltaics? Join us for an insightful event featuring Professor Colvin as he discusses the crucial technology in photovoltaics.

About the Talk:

In this talk, Dr Colvin will give an overview of PV module characterization techniques by showcasing FSEC's measurement and analysis tools. These tools are used on many PV technologies from all generations, from the earliest multicrystalline silicon and thin film to the state-of-the-art monocrystalline heterojunctions and contemporary thin films. Electrical and optoelectronic measurements give quantitative and visual means of analyzing degradation. The mechanisms underlying degradation are investigated by removing sections from PV modules and performing chemical and microscopic materials characterization. This level of root-cause analysis has been performed on modules that are new, have been through accelerated testing, and uninstalled from outdoor field installations at FSEC or external sites.

How to Attend:

In-Person Location: **Room BCB141, East Campus, Albany State University**

Virtual Attendance: **[Join the meeting now](#)**

[Join the meeting now](#)

Meeting ID: 295 915 837 221

Passcode: J16i7zf2

This event is open to all students, whether you're studying science, engineering, policy, or just want to learn more about renewable energy careers. Don't miss this opportunity to kickstart your career in the growing field of solar energy!

RSVP to now **[Dr Zheng_ligin.zheng@asurams.edu](mailto:Dr_Zheng_ligin.zheng@asurams.edu)** and secure your spot at this exciting event! We look forward to seeing you there!