idw - Informationsdienst Wissenschaft
Nachrichten, Termine, Experten

Pressemitteilung

Fraunhofer-Institut für Solare Energiesysteme ISE
Karin Schneider

05.04.2016
http://idw-online.de/de/news648894

Wissenschaftliche Tagungen
Energie, Physik / Astronomie, Umwelt / Ökologie
überregional

Sixth SOPHIA PV Module Reliability Workshop to be Held in Vienna

Focus on Material Innovation and Building Integration Press Release 06/16, April, 5, 2016 From April 28-29, 2016, the Fraunhofer Institute for Solar Energy Systems ISE will hold the sixth SOPHIA PV Module Reliability Workshop hosted by the Austrian Institute of Technology AIT in Vienna, Austria. International experts from research and industry will speak about innovations in materials, module reliability on the system level and PV module integration in buildings, among other topics. After the talks, time for questions and profound discussions will round off the presentations.

Registrations for the workshop are being accepted up to April 20 at the following address:
https://www.conftool.net/pv-module-reliability-workshop-2016/

The workshop program spans two days and covers, amongst others, topics requested by the participants who have attended in the past. Four main topics will be presented: new materials and challenges for reliability tests, building integration, reliability on the system level and new developments in characterization. These topics will be presented by qualified experts in the field. Andreas Skringer, Head of Application Engineering at ISOVOLTAIC, will present an overview on the challenges of continuously having to adjust the backsheet films to meet the ever changing modifications on the market and in the standards. The path from building-integrated PV module to certified building component will be addressed by Dieter Moor, Executive Director/Marketing and Sales at Ertex Solar. Also, Thomas Friesen, Certification & Development at Glass2Energy, will speak on the integration possibilities for dye solar modules in buildings. John Wohlgemuth from the National Renewable Energy Laboratory (NREL) will talk on qualification test standards for PV modules in buildings.

The complete program listing all speakers and talks as well as the opportunity to register can be found at:
www.pv-reliability.com

About the Organizer

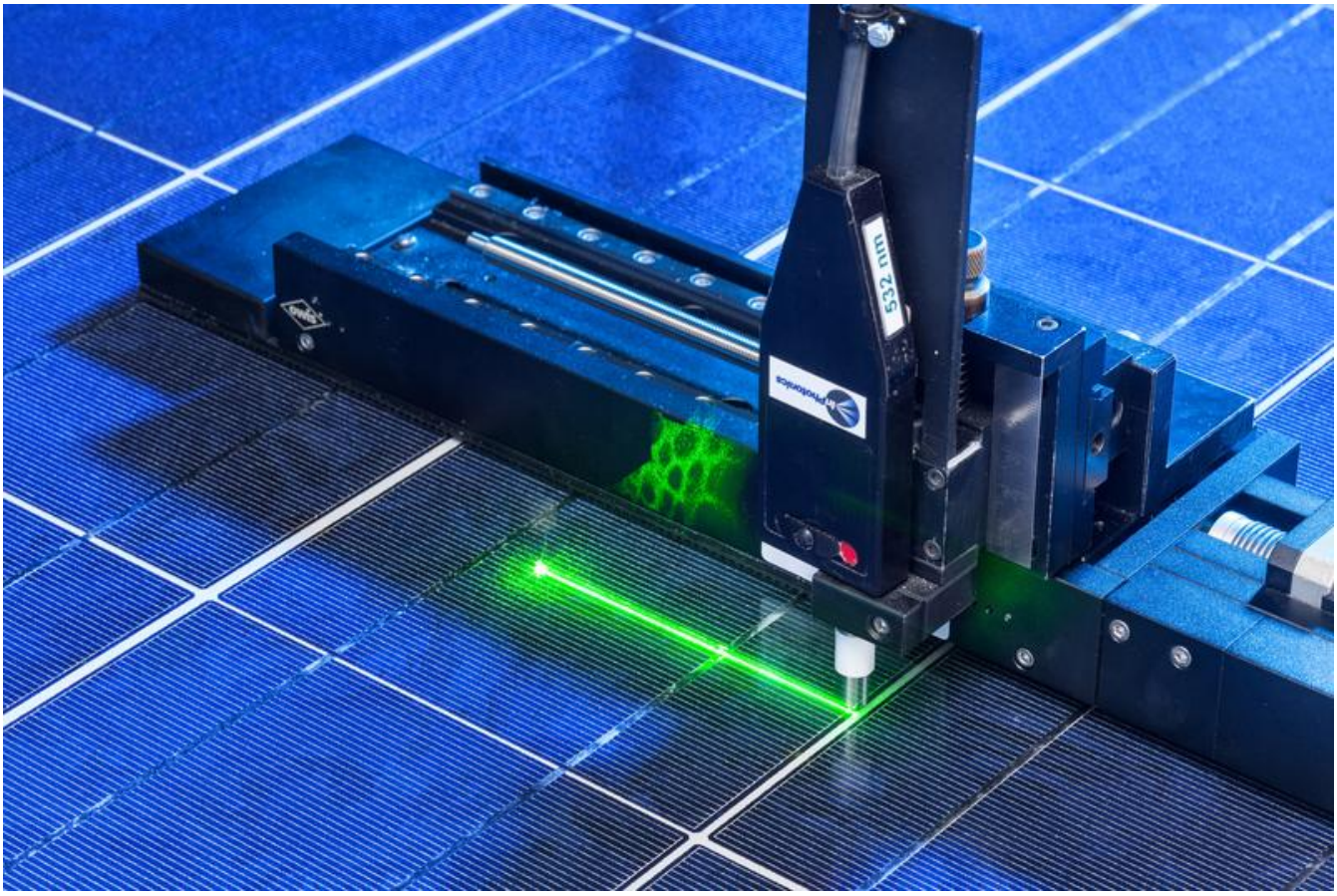
Founded in 1981, the Fraunhofer Institute for Solar Energy Systems ISE (www.ise.fraunhofer.de) is the largest solar energy research institute in Europe today. The Fraunhofer researchers have been working on topics such as efficiency and reliability of PV modules and materials for many years, e. g., the EU project “PV Performance” or the national project “Reliability of PV Modules and Materials”. Their research focuses on the high demands on materials, economic feasibility, possibilities for improving module construction and scientific contributions to domestic and international working groups and committees.

The Austrian Institute of Technology AIT (http://www.ait.ac.at/?L=1) is the largest non-university research institute in Austria. In the Energy Department, long-standing expertise in the field of photovoltaics is combined with excellent laboratory facilities. The range of services at AIT covers the quality assurance of PV systems as well as PV components along the entire value chain – from module and cell characterization and development support up to type approval and scientific consultations. Beyond this, the institute develops new materials, manufacturing processes and

characterization methods for thin film solar cells and carries out research in building-integrated photovoltaics (BIPV).

URL zur Pressemitteilung: http://www.ise.fraunhofer.de

Anhang Press Release PDF-File http://idw-online.de/de/attachment49293



Raman spectroscopy applied to perform non-destructive material analysis of PV modules at Fraunhofer ISE.
©Fraunhofer ISE