

Expert Workshop in Freiburg: Modeling and Monitoring of PV Systems

The Fraunhofer Institute for Solar Energy Systems ISE is acting as host for this year's "PV Performance Modeling and Monitoring Workshop". Photovoltaics experts from around the world will meet in Freiburg's Historisches Kaufhaus (Historic Merchants' Hall) for the event from October 24 to 25, 2016. The industry representatives will discuss the latest scientific findings, as well as the market demands on modeling and monitoring of PV systems output. Further information and a registration form for the workshop can be found [here](#).

Comprehensive services are needed to ensure the quality and reliable operation of PV systems. Modeling and ongoing monitoring processes are tools that enable us to draw important conclusions and make statements regarding the output and profitability of PV systems and power plants. The growing variety of PV products and operating conditions requires that services must undergo continuous development to meet the most stringent demands from operators. What these demands are, and which technological solutions can be used to satisfy them, will be discussed at the "PV Performance Modeling and Monitoring" workshop on October 24 and 25 in Freiburg. "The PV Performance Modeling and Monitoring workshop will include speakers from the PV sector – from research and industry alike," explains Boris Farnung from Fraunhofer ISE. "We are looking forward to lively discussions with these renowned industry representatives, and to participation from developers, modelers, and users of PV monitoring and yield data."

The workshop is organized by Fraunhofer ISE, [Sandia National Laboratories/USA](#), and [PVPS Task 13 of the International Energy Agency \(IEA\)](#). In addition to the official program, participants will have the opportunity to take tours of Fraunhofer ISE and the [Rappenecker Hütte](#), a mountain inn in

the Black Forest which is supplied with renewable energy from a PV system and a wind turbine.

6th PV Performance Modeling and Monitoring Workshop
Historisches Kaufhaus, Freiburg
October 24-25, 2016

Fraunhofer ISE: Quality assurance of PV power plants

For many years, Fraunhofer ISE has assisted its clients with improving the profitability and bankability of PV power plants. Our services in the field of PV power plant quality assurance range from planning to permanent operation, and encompass the five phases of our proven quality circle: development, engineering, procurement, commissioning and operation.

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