



International Technology Roadmap for Photovoltaic (ITRPV) Workshop:

- Results of 10th Edition of International Technology Roadmap for Photovoltaic (ITRPV)

- How do automatization concepts, in-situ quality control and machine learning help to reduce costs?

The photovoltaic (PV) industry needs to provide power generation products that can compete with both conventional energy sources and other renewable sources of energy. The ITRPV is to inform suppliers and customers about anticipated technology trends in the field of crystalline silicon (c-Si) photovoltaics and to stimulate discussion on required improvements and standards. The objective of the roadmap is not to recommend detailed technical solutions for identified areas in need of improvement, but instead to emphasize the need for improvement to the PV community and to encourage the development of comprehensive solutions.

The learning curve for module price as a function of cumulative shipments show continually decreasing prices.

How do automatization concepts, in-situ quality control and machine learning help to reduce costs?

In this Workshop we will present the results of the 10th Edition ITRPV and discuss the results with equipment, cell and module manufacturers.

Agenda

Introduction: Dr. Jutta Trube, VDMA Photovoltaic Equipment

Results of 10th Edition ITRPV: Dr. Markus Fischer, Hanwha Q CELLS GmbH

Panel: Presentation and discussion on automation concepts,
Moderation Dr. Axel Metz, VDE Renewables GmbH:

- Dr. Markus Fischer, Hanwha Q CELLS GmbH
- Richard Moreth, VITRONIC Dr.-Ing. Stein Bildverarbeitungssysteme GmbH
- Peter Wolf, Suzhou Maxwell Technologies Co., Ltd.
- Sam Xu, Yingkou Jinchun Machinery Co., Ltd
- others

You are welcome to participate!

Hall B1, Room B13, Thursday, May 16th, 2019, 10:00 am – 1:00 pm

Please register [here](#)