

Registration send by fax to +49 (0) 5151-999-400

I will participate in the Workshop

UV Fluorescence Measurement for Damage Assessment of PV Modules

on October 12, 2018

Participant:

Title, Last name, First name

Institute or company

Department

Telephone

Telefax

e-mail

Internet

Street/No.

ZIP Code

City

Date

Signature

Contact

Workshop Adress & Organizer

Institut für Solarenergieforschung
GmbH Hameln/Emmerthal
(Institute for Solar Energy Research)
Large lecture room

Am Ohrberg 1
31860 Emmerthal

Workshop management

Sabine Kreber
Telephone: 05151-999-100
eMail: sekretariat@isfh.de

Scientific management

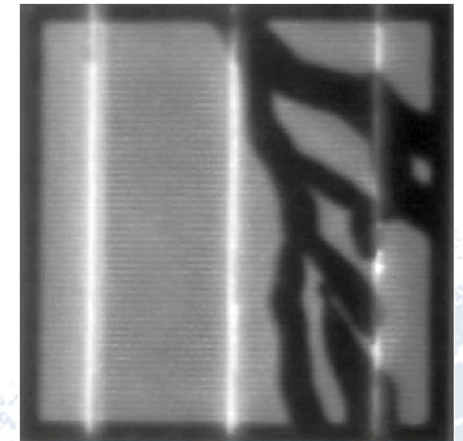
Dr. Marc Köntges
eMail: m.koentges@isfh.de

Link to the final program



Workshop

UV Fluorescence Measurement for Damage Assessment of PV Modules



October 12, 2018

Invitation

UV fluorescence is already used in many areas for damage analysis. In photovoltaics, it plays an increasingly important role in damage assessment.

In order to open up UV fluorescence as an analysis method for PV module defects to inspectors and experts, ISFH is organizing a workshop on UV fluorescence on PV modules for the first time. In addition to the basics and the measuring equipment, interpretation aids for this technology will be presented.

UV fluorescence can be used to identify cell cracks, hot spots and cell interconnector breakage. Especially in the case of cell cracks, it is possible to distinguish between recent and older cell cracks.

We invite you to learn about this exciting new topic in our workshop. The workshop language will be English.

With kind regards

Dr. Marc Köntges
(Workshop chairman)

Program

Friday, October 12, 2018

- 08:30 Registration
- 09:00 Guided technical tour through ISFH
- 11:00 **Basics of UV Fluorescence**
Dr. Arnaud Morlier
ISFH
- 11:20 **Temperature Effect on UV Fluorescence**
Michael Siebert
ISFH
- 11:40 **Experiences from the Field**
Matthias Diehl
photovoltaikbüro Ternus & Diehl GmbH
- 12:00 Coffee break
- 12:20 **Drones and UV Fluorescence**
N.N.
N.N.
- 12:40 **N.N.**
Karl Berger
Austrian Institute of Technology (AIT)
- 13:00 **Special Features**
Dr. Marc Köntges
ISFH
- 13:20 Lunch
- 14:20 **UV Fluorescence Demonstration**
Our UV fluorescence setup will be shown in detail. Spend some time to make UV fluorescence images of your own modules and analyze them with us.
- 15:00 End of workshop

Further information

Registration

Please use the form overleaf to register and fax it to 05151/999-400. The closing date for registration is **September 21, 2018.**

Registration fee

€ 50,-/Person. The registration fee covers the participation on the workshop, the lectures as pdf-files, example application and lunch.

Cancellation of participation:

Any cancellation must be notified in writing at least by October 5, 2018. Cancellations received later require the entire fee to be paid. However, you may transfer your registration to another person that has not already registered at least one day before the workshop.

Arrival

by train:

Take S-Bahn line S5 from Hanover to Hameln (approx. 45') and take the bus #40 or #520 in the direction of „Bad Pyrmont“ or „Holzminden“ respectively; get off the bus at the station „Ohrbergpark“.

by taxi:

From railway station Hameln to ISFH (approx. 10').

Accommodation

- Hotel Stadt Hameln, Münsterwall 2, 31787 Hameln, Telefon 05151-901-0, www.hotel-stadthameln.de
- Hotel Christinenhof, Alte Marktstraße 18, 31785 Hameln, Telefon 05151-9 50 80, www.christinenhof.de
- Hotel Zur Post, Am Posthof 6, 31785 Hameln, Telefon 05151-763-0, www.hotel-zur-post-hameln.de

For further information about accommodation or travel call:

Hameln Marketing und Tourismus GmbH
Deisterallee 1, 31785 Hameln
Telephone: 05151-95 78 23
www.hameln.de/tourismus/hmt/kontakt.htm