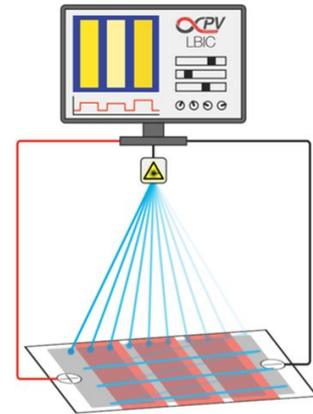


Workshop – Stability

In this essential 1-day workshop **infiniPV** offers you detailed knowledge on how to test solar cells using solar simulation, how to accurately determine active area and power conversion efficiency and how to characterize the stability and operation of solar cells using a number of the ISOS protocols and accelerated testing methods. When this workshop is taken as part of the full 1-week workshop it will extend over several days and you will test materials and many of the ISOS testing protocols over the whole week. When taking this 1-day workshop you will get the same theory and set up the same experiments but will in part work on data acquired prior to your arrival. You will after the end of the workshop be able to set up stability and test experiments and accurately report and compare operational stability data for different solar cells. Prior to attending the workshop, you will learn the basic regarding manufacturing of printed solar cells through our e-learning courses.



Program:

| TIME | DAY 1 |
|-------------|--|
| 08:00-09:00 | Lecture room: Welcome and introduction, safety when working with strong sources of light containing UV, planning the day, writing protocols |
| 09:00-12:00 | Laboratory: Making test devices using the TR2RC, selecting foil for stability testing from already produced foil, packing devices for stability tests, setting up the various testing systems |
| 12:00-13:00 | Lunch |
| 13:00-15:00 | Laboratory: Testing single junctions and modules using solar simulators, analyzing failure using LBIC, testing stability under operational conditions, learning how to examine the relationship between data obtained during accelerated laboratory testing and under operational conditions |
| 15:00-17:00 | Laboratory: Collecting data and using the ISOS protocols to organize, present and compare stability data for different solar cells |

Cost & registration:

Cost: This 1-day workshop is rated at 1999 € for industry and covers all laboratory work, materials and lunches. We offer discount if taken together with the other modules in our series of workshops (see separate flyer with overview of workshops). We offer academic discount of 25% for university employees.

Registration: Please send an e-mail to Workshop@infinitypv.com for registration and include all your details, invoice address, mobile phone number, VAT number (for Europe) and which workshop(s) you wish to attend.