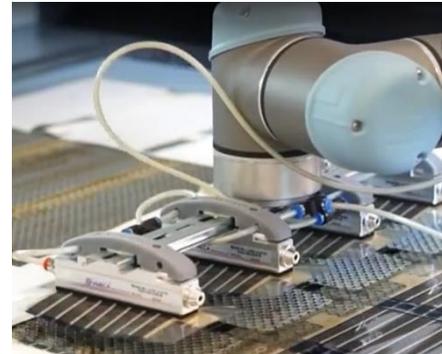


Workshop – Integration

In this fully packed 1-day workshop **infinityPV** offers insight and training on how solar foils are handled with respect to integration into products. Essential here are the cutting and handling of the solar modules from rolls and larger sheets of solar cell bulk material, contacting methods and robotic handling of the finished products. During the workshop you will receive explanatory lectures, and many hours of practical laboratory work where you will get hands-on experience robots, laser cutters and electronics. You will prepare your own IoT device powered by the solar cell prepared entirely using automated procedures. You will also learn how to design and test electronics with storage of the energy harvested from the 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, run of the day and the machinery that will be used, safety when operating with lasers and robots
09:00-12:00	Laboratory: Selecting solar foil, setting up the laser cutter, setting up the robot, starting the laser and robot for automated manufacture, setting up contacting
12:00-13:00	Lunch
13:00-15:00	Laboratory: Harvesting and storing energy from the solar cells, electronics and control, energy management, IoT
15:00-17:00	Laboratory: Testing your IoT and energy managing system, finishing up your creation Lecture room: Finish and wrap up, bring home your creations

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.