

Workshop – Printing

In this fully packed 2-day workshop **infinityPV** offers manufacturing of printed solar cells by full R2R processing starting from substrate and ending with modules. During the workshop you will receive explanatory lectures, and many hours of practical laboratory work where you will get hands-on experience with R2R coating and printing techniques. You will learn about different printing methods and test a number of characterization methods including quality control during manufacture using roll-coating methods and full scale roll-to-roll testing of the printed devices. 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	DAY 2
08:00-09:00	Lecture room: Welcome and introduction, planning the day, writing procedures	Lecture room: planning the day, writing procedures
09:00-12:00	Laboratory: R2R printing front electrode layers	Laboratory: preparing inks, printing back electrode layers
12:00-13:00	Lunch	Lunch
13:00-14:30	Laboratory: Making ink, testing front electrode using roll coating	Laboratory: R2R testing the solar cells
15:00-17:00	Laboratory: R2R coating active layer	Laboratory: Cutting samples and testing/characterisation Lecture room: Finish and wrap up

Cost & registration:

Cost: This 2-day workshop is rated at 5999 € 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.