

Preliminary Program: Academic Workshop on Printed Solar Cells (14th – 15th of August 2019)

TIME	DAY 1	DAY 2
08:00	Pick up at Hotel Søfryd	Pick up at Hotel Søfryd
08:15-09:00	Lecture room: -Welcome and introduction -Planning the day - Writing procedures	Lecture room: -Follow up on yesterday -Planning the day -Writing procedures
09:00-12:00	Laboratory: -Walkthrough of the equipment -Preparing substrate and inks -Setting up for R2R printing -R2R rotary screen printing of HTL -Inspecting the printed layer -Setting up for R2R printing -R2R rotary screen printing of ETL -Inspecting the printed layer -Prepare active layer ink	Laboratory: -Quality assurance of the active layer coated yesterday using TR2RC and RLC. -Testing the prepared devices using solar simulators and LBIC imaging. -Preparing inks and setting up the R2R printing equipment -R2R Printing hole transport layer -Quality assurance using TR2RC and RLC -UV-lamination of the prepared solar cells -Testing the prepared devices using solar simulators and LBIC imaging
12:00-13:00	Lunch	Lunch
13:00-15:00	Laboratory: -Quality assurance of the printed layers using TR2RC and RLC -UV-lamination of the prepared solar cells -Testing the prepared devices using solar simulators and LBIC imaging.	Laboratory: -Preparing inks and setting up the R2R printing equipment -Printing back electrode layers on the R2R machine -Cutting samples and testing -R2R Switching the printed solar cells
15:00-17:00	Laboratory: -Setting up the R2R coating equipment -R2R slot-die coating of active layer Lecture room: -Finish and wrap up	Laboratory: Selecting the foil and barrier material -Setting up the R2R laminator -Preparing the adhesive -UV-lamination of the solar cells -Cutting samples and testing Lecture room: -Finish and wrap up
17:00-18:00	Back to Hotel Søfryd	Back to Hotel Søfryd