

Proposed schedule of PEARL PV Training School II in Malta 15.-18.10.2019

Evaluation of the performance degradation of PV-systems

	First day – State of the Art	Second day – Thin film / Bankability	Third day - Characterisation	Fourth day – Emerging Technologies
9.00 - 10.45	Welcome <i>Keynote:</i> Reliability of PV (c-Si)- influence factors, failure modes....	<i>Keynote + expert lectures:</i> Performance degradation of thin film and OPV	<i>Keynote + expert lectures:</i> Measurement of performance degradation, failure detection	<i>Keynote + expert lectures:</i> Reliability and challenges of next generation PV-systems (Perovskite, OPV..)
11.00 - 12.30	<i>Postersession I:</i> Mutual introduction of all participants (trainees and trainers)	<i>Bankability/calculations:</i> effect of degradation and lifetime on economic viability	Visit of PV-Plant including picnic lunch + On-site measurements and characterisation/ detection of PV-failures	<i>Interactive postersession II</i>
12.30 - 13.30	Lunch	Excursion to PV-Installations in Malta including lunch		Wrap up & closing / joined lunch
13.30 – 15.15	<i>Expert lectures + Discussions:</i> Degradation mechanisms of PV-cells and polymeric materials			
15.30 – 17.00	<i>Practical Course:</i> Degradation modelling		Evaluation and interpretation of measured data	
evening	Social event	Joined Dinner		