

Thursday, April 25th

8:30 - 9:00	Registration	
9:00 - 9:15	Welcome	Ivan Gordon (IMEC), Michaël Daenen (UHasselt) & Karl-Anders Weiss (Fraunhofer ISE)
09:15 - 10:45	Block I "Perovskite/Tandem"	
	<ul style="list-style-type: none">From lab cell to full size modulePerovskite photovoltaic: Extrinsic stability and Encapsulation challenge	Aranzazu Aguirre (Imec) Stéphane Cros (CEA)
10:45 - 11:15	<i>Coffee Break</i>	
11:15 - 12:45	Block II "Integrated PV"	
	<ul style="list-style-type: none">FPV and wind turbines: Additional humidity-induced stress for floating photovoltaics compared to ground-mounted PVProject MC2.0Specific needs for reliability in Integrated PV	Nathan Roosloot (IFE) Marc Koetse (TNO) Stefan Dewallef (Soltech)
12:45 - 14:00	<i>Lunch Break</i>	
14:00 - 15:30	Block III "IEA PVPS Task 13 Webinar: Adapted testing for emerging PV applications"	
	<ul style="list-style-type: none">IntroductionAdaptation for floating PVHigher thermal and thermomechanical stresses in building integrated PV modules.Q&A	Karl-Anders Weiß (ISE) Nikoleta KYRANAKI (IMEC) Ebrar Özkalay (SUPSI) Karl-Anders Weiß (ISE)
15:30 - 16:00	<i>Coffee Break</i>	

Agenda



Hasselt University (Belgium), 25.-26.04.2024

16:00 - 17:00	Block IV "Adapted testing for different climates and applications" - Group Discussions	
	<ul style="list-style-type: none">• Introduction: Powering Through Climate Change: Testing PV Modules Against Catastrophic Climate Events• Adapted testing for power electronics• Adapted testing for modules• Adapted testing for integrated applications	Sagarika Kumar (Technology Innovation Institute)
17:00 - 17:30	Results of group discussions	Karl-Anders Weiß (ISE)
17:30	<i>End of Day 1 and Conference Dinner</i>	

Friday, April 26th

08:30 - 09:00	Registration	
09:00 - 10:30	Block V "Electronics (related to PV)"	
	<ul style="list-style-type: none">• Reliability of Power Electronics in Photovoltaic systems• The potential and emerging reliability challenges of (offshore) floating photovoltaics• Reliability of Power Electronics in Renewable Energies: Development, Qualification and System Design	Ariya Sangwongwanich (AAU) Oscar Delbeke (KULeuven) Daniel Clemens (SMA Solar Technology AG)
10:30 - 11:00	<i>Coffee Break</i>	
11:00 - 12:30	Block VI "Lightweight modules and testing, can they pass real life?"	
	<ul style="list-style-type: none">• Glass breakage in the lab• Lightweight Modules Ignitability test: In-house instrument development and material characterisation assessment• Key reliability aspects for the integration of PV in passenger car sunroofs	Ingrid Hädrich, Jochen Markert (ISE) Florian Ollagnon (EPFL) Loïc Tous (AGC Glass Europe)
12:30 - 13:00	Plenary Discussion & Sum up	
13:00	<i>End of Workshop</i> LAB-Tour (optional)	Until 4:00 pm