

## Tuesday, April 29th

8:30 - 9:00	<b>Registration</b>	
09:00 – 09:15	<b>Welcome</b>	Karl-Anders Weiß, (ISE)
09:15 - 10:45	<b>Block I "Field experience and inspection methods"</b>	
	<ul style="list-style-type: none"><li>Field experience of single-axis solar trackers</li></ul>	Nicholas Riedel-Lyngskær, (European Energy)
	<ul style="list-style-type: none"><li>Field imaging inspection methods and tools for PV plants</li></ul>	Sergiu Spataru, (DTU)
	<ul style="list-style-type: none"><li>Utilization of smart string inverters for advanced inspection and monitoring of PV systems</li></ul>	Lukas Koester, (EURAC)
10:45 - 11:15	<i>Coffee Break</i>	
11:15 - 12:45	<b>Block II "Lightweight glass-free modules"</b>	
	<ul style="list-style-type: none"><li>Characterization and reliability test protocols for lightweight/glass-free PV components and modules</li></ul>	Gabi Eder, (OFI)
	<ul style="list-style-type: none"><li>Tbd .</li></ul>	Tbd .
	<ul style="list-style-type: none"><li>Tbd .</li></ul>	Tbd .
12:45 - 14:00	<i>Lunch Break</i>	
14:00 - 15:30	<b>Block III "Mechanical Stabability"</b>	
	<ul style="list-style-type: none"><li>UTG Integration in CIGS PV Modules: Boosting Durability and Performance</li></ul>	Nikolina Pervan, (PCCL)
	<ul style="list-style-type: none"><li>Mechanical module stability and reliability of eco-designed PV modules</li></ul>	Timea Béjat, (CEA liten)
	<ul style="list-style-type: none"><li>Mechanical simulation and interaction with substructure</li></ul>	Matthias Pander, (CSP)
15:30 – 16:00	<i>Coffee Break</i>	

16:00 - 17:00	<b>Block IV Webinar TASK13: "Strategies for Addressing Important Degradation and Failure Causes of Current Module Types"</b>	
	<ul style="list-style-type: none"><li>• Introduction</li></ul>	Karl-Anders Weiß, (ISE)
16:00 – 16:20	<ul style="list-style-type: none"><li>• What can we learn from the comparison of glass breakage between Lab and Field?</li></ul>	Jochen Markert, (ISE), Marc Köntges, (ISFH)
16:20 – 16:40	<ul style="list-style-type: none"><li>• How to handle UVID for TOPCon and SHJ modules</li></ul>	Laura S. Bruckman, (CASE), Ina Martin, (CASE)
16:40 - 17:00	<ul style="list-style-type: none"><li>• How to deal with cold solder joints in JB of current module designs</li></ul>	Marc Köntges, (ISFH), Jay Lin, (PV GUIDER)
17:00	<i>End of Day 1 and Conference Dinner</i>	

## Wednesday, April 30th

08:30 - 09:00	<b>Registration</b>	
09:00 - 10:30	<b>Block V "Discussion Round"</b>	
	<ul style="list-style-type: none"><li>• Reliability/certification of lightweight modules /image ...</li></ul>	Ingrid Hädrich, (ISE)
	<ul style="list-style-type: none"><li>• Reasonable lifetime to aim for: 15 or 50a??</li></ul>	Karl-Anders Weiß, (ISE)
	<ul style="list-style-type: none"><li>• Future of field inspection</li></ul>	Sergiu Spataru, (DTU)
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 12:30	<b>Block VI "Modelling"</b>	
	<ul style="list-style-type: none"><li>• From Modeling to Field Validation: Enhancing PV Performance and Reliability</li></ul>	Yaman Al-Riyalat, (BayWa)
	<ul style="list-style-type: none"><li>• Evaluating module power loss estimation accuracy in field EL inspection</li></ul>	Rodrigo Del Prado Santamaria, (DTU)

# Agenda

DTU Risø Campus, (Denmark), 29.-30.04.2025



	<ul style="list-style-type: none"><li>• Physics based modelling of perovskite technology - anomalous electrical characteristics</li></ul>	Santosh Ramesh, (IMEC)
12:30 - 13:00	<b>Plenary Discussion &amp; Sum up</b>	
13:00	<i>End of Workshop</i> <b>LAB-Tour (optional)</b>	Until 4:00 pm