

Thursday, April 23rd

8:15 - ...	Registration	
08:15 – 08:40	Welcome	Karl-Anders Weiß, (ISE)
08:40 - 09:00	Block I "French PV context and R&D activities"	David Duca, (CEA liten)
09:00 – 10:30	Block II "Performance certification of silicon modules: new technologies & new challenges"	
	<ul style="list-style-type: none">• Developments and news from IEC TC82, focus on medium voltage modules	Karl A. Berger, (AIT)
	<ul style="list-style-type: none">• Sustainability Certification for PV Modules	Stéphane Gresset, (CERTISOLIS)
	<ul style="list-style-type: none">• Recent Findings on Glass-Breakage Issues: From Factory Production Oversight, On-Site Inspection and Laboratory Testing Results	Thomas Weber, (Kiwa PI Berlin AG)
10:30 - 11:00	<i>Coffee Break</i>	
11:00 - 12:30	Block III "Closing the Loop in PV Reliability: Field Data, Digitalization"	
	<ul style="list-style-type: none">• Smarter Solar: How AI Is Transforming PV O&M and Reliability	Mousa Sondoqah, (Becquerel Institute Italia)
	<ul style="list-style-type: none">• PV Systems Reliability: Autonomous and Digitalization Approaches Enabled by Emerging Technologies	Mohammadreza Aghaei, (NTNU)
	<ul style="list-style-type: none">• Smarter PV analytics towards improved PV reliability: Experiences from large, monitored PV portfolios	Gofran Chowdhury, (3E)
12:30 – 13:30	<i>Lunch Break & Poster Session</i>	

Thursday, April 23rd

- 13:30 – 15:00 **Block IV "Climate- and application-specific challenges in PV reliability and field performance Part1"**
- UV-ID in SHJ, origin and mitigation strategies Maxime Babics, (CEA liten)
 - Field performance of PV systems Tbd, (TOTAL Energies)
 - PV modules and systems optimized for different climate zones Gernot Oreski, (PCCL)
- 15:00 - 15:30 *Coffee Break*
- 15:30 – 17:00 **Block V "Climate- and application-specific challenges in PV reliability and field performance Part2"**
- Performance and Reliability challenges in Floating PV-specific conditions Tbd, (TNO)
 - On the importance of agricultural environment for stability evaluation in Agri-PV Polina Volovitch, (Chimie ParisTech - PSL)
 - Built to Last? PV Performance and reliability under climatic extremes Tbd.
- 17:00 – 17:15 *Coffee Break*
- 17:15 - 18:15 **Block VI Webinar TASK13: "Testing PV for every environment: adapting accelerated test protocols to application diversification"**
- Introduction Karl-Anders Weiß, (ISE)
- 17:15 – 17:35
- Advanced accelerated stress testing for alpine applications: detecting stress-induced material degradation and failure precursors Anika Gassner, (OFI)

Agenda

INES Le-Bourget-du-Lac, (France), 23.-24.04.2026



Thursday, April 23rd

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|---------------|---|---------------------------|
| 17:35 – 17:55 | • (Digital) Systems Data | Bert Herteleer, (SUPSI) |
| 17:55 - 18:15 | • Towards a certification methodology for BIPV product families | Nikoleta Kyranaki, (IMEC) |
| 18:30 | <i>End of Day 1</i> | |
| 20:00 | <i>Conference Dinner</i> | |

Friday, April 24th

08:30 - 09:00	Registration	
09:00 - 10:30	Block VII "Medium voltage modules' reliability"	
	<ul style="list-style-type: none">• Challenges of Midium-Voltage PV Systems• MEDIUM project• Materials aspects: dielectric studies	<p>Felix Kuhlenkamp, (ISE)</p> <p>Pascal Rain, (G2ELAB)</p> <p>Sona Ulica, (CSEM)</p>
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 12:00	Block VIII "Parallel Discussions (Groups)"	
	<ul style="list-style-type: none">• New requirements need new materials? (PID, TOPCon&Co.)• Bridging Lab & Field: Toward Integrated Reliability Frameworks• Converging Reliability and Data Science for Circular PV Systems and O&M	<p>Tbd.</p> <p>Karl-Anders Weiß, (ISE)</p> <p>Ioannis Tsanakas, (CEA liten)</p>
12:00 - 12:30	Plenary Discussion & Sum up	
12:30 – 13:30	<i>Lunch Break</i>	
13:30	<i>End of Workshop</i>	
13:30 – 16:00	INES Technical Tour/Visit (optional)	Until 4:00 pm
16:30	<i>End of Day 2</i>	