

Agenda

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



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"	
	• Developments and news from IEC TC82, focus on medium voltage modules	Karl A. Berger, (AIT)
	• OPTISOL: extensive testing program to evaluate new technologies	Stéphane Gresset, (CERTISOLIS)
	• 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"	
	• Smarter Solar: How AI Is Transforming PV O&M and Reliability	Mousa Sondoqah, (Becquerel Institute Italia)
	• PV Systems Reliability: Autonomous and Digitalization Approaches Enabled by Emerging Technologies	Mohammadreza Aghaei, (NTNU)
	• 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>	

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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 Minne de Jong, (TNO)
- On the importance of agricultural environment for stability evaluation in Agri-PV Polina Volovitch, (Chimie ParisTech - PSL)
- PV performance and reliability under extreme climatic conditions: Lessons learned from the Atacama Desert Felipe Valencia, (ATAMOSTEC)
- Built to Last? PV Performance and reliability under climatic extremes Atse Louwen, (R.I.S.E.).

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)

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17:15 – 17:35	Advanced accelerated stress testing for alpine applications: detecting stress-induced material degradation and failure precursors	Anika Gassner, (OFI)
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>	

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Friday, April 24th

08:30 - 09:00 **Registration**

09:00 - 10:30 **Block VII "Medium voltage modules' reliability"**

- Challenges of Medium-Voltage PV Systems Felix Kuhlenkamp, (ISE)
- About some phenomena induced by electric field in insulating polymers : generation and transport of charges Pascal Rain, (G2ELAB)
- Materials aspects: dielectric studies Sona Ulica, (CSEM)

10:30 – 11:00 *Coffee Break*

11:00 – 12:00 **Block VIII "Parallel Discussions (Groups)"**

- New requirements need new materials? (PID, TOPCon&Co.) Tbd.
- Bridging Lab & Field: Toward Integrated Reliability Frameworks Karl-Anders Weiß, (ISE)
- Converging Reliability and Data Science for Circular PV Systems and O&M Ioannis Tsanakas, (CEA liten)

12:00 - 12:30 **Plenary Discussion & Sum up**

12:30 – 13:30 *Lunch Break*

13:30 *End of Workshop*

13:30 – 16:00 INES Technical Tour/Visit (optional) Until 04:00 p.m.

16:30 *End of Day 2*