

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 standardisation, from building integration to medium voltage modules• OPTISOL: extensive testing program to evaluate new technologies• Recent Findings on Glass-Breakage Issues: From Factory Production Oversight, On-Site Inspection and Laboratory Testing Results	Karl A. Berger, (AIT) Stéphane Gresset, (CERTISOLIS) 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: Rethinking Solar with AI and Digital Applications• PV Systems Reliability: Autonomous and Digitalization Approaches Enabled by Emerging Technologies• Smarter PV analytics towards improved PV reliability: Experiences from large, monitored PV portfolios	Mousa Sondoqah, (Becquerel Institute Italia) Mohammadreza Aghaei, (NTNU) 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 Lars Oberbeck, (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 (sub)arctic conditions 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)

Agenda

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



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|---------------|---|---------------------------|
| 17:15 – 17:35 | <ul style="list-style-type: none">Advanced accelerated stress testing for alpine applications: detecting stress-induced material degradation and failure precursors | Anika Gassner, (OFI) |
| 17:35 – 17:55 | <ul style="list-style-type: none">Challenges in Achieving Long-Term Value and Reliability | Bert Herteleer, (SUPSI) |
| 17:55 - 18:15 | <ul style="list-style-type: none">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"**

- Challenges of Midium-Voltage PV Systems Jochen Markert, (ISE)
- About some phenomena induced by electric field in insulating polymers : generation and transport of charges Pascal Rain, (G2ELAB)
- Polymer material aspects of medium voltage modules Sona Ulicna, (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*