

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)
- Sustainability Certification for PV Modules 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 *Coffee Break*

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 *Lunch Break & Poster Session*

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

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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>	

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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)
- MEDIUM project 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*