

Thursday, April 23rd

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| 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• Sustainability Certification for PV Modules• 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: How AI Is Transforming PV O&M and Reliability• 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 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)

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">(Digital) Systems Data | 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

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| 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 | Felix Kuhlenkamp, (ISE) |
| | <ul style="list-style-type: none">• About some phenomena induced by electric field in insulating polymers : generation and transport of charges | Pascal Rain, (G2ELAB) |
| | <ul style="list-style-type: none">• Materials aspects: dielectric studies | Sona Ulica, (CSEM) |
| 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.) | Tbd. |
| | <ul style="list-style-type: none">• Bridging Lab & Field: Toward Integrated Reliability Frameworks | Karl-Anders Weiß, (ISE) |
| | <ul style="list-style-type: none">• 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 | <i>Lunch Break</i> | |
| 13:30 | <i>End of Workshop</i> | |
| 13:30 – 16:00 | INES Technical Tour/Visit (optional) | Until 04:00 p.m. |
| 16:30 | <i>End of Day 2</i> | |