

11th SOPHIA PV-Module Reliability Workshop, June 9 - 10th, 2021

2 nd Webinar, hosted by École Polytechnique Fédérale de Lausanne, Switzerland

Wed, June 9 th	Topic	Speaker (Company)
13:45	Dial in	
14:00-14:10	Welcome & Introduction	Alessandro Virtuani, EPFL Karl-Anders Weiß, ISE
14:10-15:25	Session I: Big data for assessing the reliability of PV	Chairman: Karl-Anders Weiß
14:10	a) Evaluation of PV System data collected in COST Action Pearl PV Database – Analysis of Performance Ratio, System Yield and Performance Loss Rate of a large fleet of PV systems	Sascha Lindig, EURAC
14:35	b) Advanced Solar Data Analytics on over 16GW PV assets worldwide	Julián Ascencio-Vásquez, 3E nv
15:00	c) A big data approach to performance loss rate determination of commercial photovoltaics	Laura Bruckman, CWRU
15:25-15:45	Open Discussion: How does reliability of data sets (measured + satellite) influence reliability of big data-based reliability assessment?	Alessandro Virtuani, EPFL Karl-Anders Weiß, ISE
15:45	End of Day 1	
Thu, June 10 th	Topic	Speaker (Company)
13:45	Dial in	
14:00-14:10	Welcome	Alessandro Virtuani, EPFL Karl-Anders Weiß, ISE
14:10-15:25	Session II: Lightweight PV modules	Chairman: Alessandro Virtuani
14:10	a) PV trends and “trendy” lightweight applications	Fabiana Lisco, EPFL
14:35	b) Testing of lightweight PV modules based on glass-fiber reinforcement	Jonathan Govaerts, IMEC
15:00	c) Lightweight PV modules: Challenges and possible solutions for reliable designs	Bengt Jäckel, Fraunhofer CSP
15:20-15:45	Open Discussion: Lightweight PV Modules: which applications, testing sequences, and targeted service lifetimes and do we have to adapt standards?	Alessandro Virtuani, EPFL Karl-Anders Weiß, ISE
15:45	End of Webinar and Announcements for 2022	