

## **Advanced School 1 - Programme**

Time	Monday 06/11/23	Tuesday 07/11/23	Wednesday 08/11/23	Thursday 09/11/23	Friday 10/11/23
8:00 - 9:30	Arrival	Breakfast	Breakfast	Breakfast	Breakfast
9:30 - 10:00 10:00 - 10:30 10:30 - 11:00		Introduction to PV Systems and application (type of PV plants), reliability in PV plants (Carlos Meza, HSA)	Hands on Session Brian Bartolo / Carmel Azzopardi, FiR.mt	Electroluminescence (EL): Key tool to reveal the invisible reality of your PV modules. Dr Ana Gracia Amillo, Aritz Legarrea Oyarzun, CENER	Digital Twins: Electricity flow models for PVs, Bernhard Kubicek, AIT
11:00 - 11:30		Break	Break	Break	Break
11:30 - 12:00		Introduction to experiments (S. Ahmed, HSA) and Outside Measurements (Lead from Partners)	PV Monopoly Game Mélodie de l'Epine, Bl	Mapping the light: Visualisation and exploration of photovoltaic monitored data, Sorina Mustatea, CEA	Conclusions Dr Ing. Brian Azzopardi Chair FiR.mt Prof. Dr Carlos Meza WPA Leader HSA Minister/ Local Policy Maker
12:00 - 12:30					
12:30 - 13:00					
13:00 - 13:30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14:00					
14:00 - 14:30	Registration	Outside Measurements (Lead from Partners)	More than Meets the Eye: How to detect PV module issues due to shades and beyond. Bernhard Kubicek, AIT	Students Session - About the results from the School	End
14:30 - 15:00					
15:00 - 15:30	Introductions Dr Ing. Brian Azzopardi Chair FiR.mt Prof. Dr Carlos Meza WP4 Leader HSA Hon. Keith Azzopardi Tanti, Parliamentary Secretary for Youth, Research and Innovation, Malta				
15:30 - 16:00		Break	Break	Break	
16:00 - 16:30	Break	Presentations of results from outdoor measurements and discussion (HSA, students)	More than Meets the Eye: How to detect PV module issues due to shades and beyond. Bernhard Kubicek, AIT	PV Monopoly Game Mélodie de l'Epine, Bl	
16:30 - 17:00	Keynote: Alternative methods for PV modules diagnostics Ladislava Cerna, Czech Technical University in Prague				
17:00 - 17:30					
17:30 - 18:00	Students Session Introductions About Students Background	Free Time	Free Time	Hands on Session Brian Bartolo / Carmel Azzopardi, FiR.mt	
18:00 - 18:30					
18:30 - 19:00					
19:00 - 20:30	Dinner	Dinner	Dinner	Dinner	
20:30 - 22:00	Free Time	Photolluminance Experiments (Lead from Partners)	Free Time	Social Evening	

\*FiR.mt= Foundation for Innovation and Research Malta; HSA= Hochshule Anhalt University of Applied Sciences; AIT= Austrian Institute of Technology; CEA= Commissariat à l'Energie Atomique et aux Energies Alternatives; BI= Becquerel Institute; CENER= Fundación CENER







