

AGENDA

Tuesday, October 6th 2015

Venue : The Hotel – Boulevard de Waterloo 38, 1000 - Brussels

Time	Topic	Speaker
09:00 – 09:30	Registration	
09:30 – 10:15	Welcome and introduction	Paul Verhoef (EC) Project coordinators
PV Plant Design Phase		
10:15 – 10:35	Design tools for the bankability of PV plants	Luis Narvarte (project coordinator of PVCROPS)
10:35 – 10:55	Tools for better characterization of PV modules and inverters: <ul style="list-style-type: none">• <i>Optical-thermal-electrical PV modelling</i>• <i>Tools for indoor testing</i>	Hans Goverde (IMEC) Johannes Stöckl (AIT)
10:55– 11:15	Coffee break	
Solar Resource Assessment and Forecasting		
11:15 – 11:35	Tools for the forecast of PV power	Javier Marcos (UPNA - PVCROPS)
11:35 – 11:55	Reducing the initial investment and operational costs in solar resource assessment: <ul style="list-style-type: none">• <i>Single fixed sensor able to measure DNI and diffuse irradiation</i>• <i>Sky imagery based forecasting</i>	Alessandro Rossi (Alitec SRL) John Kalisch (Univ. of Oldenburg)
11:55 – 12:30	Panel discussion	Moderator: Gaëtan Masson (Becquerel Institute)
12:30 – 13:45	Lunch break	
PV Plant Operation – Monitoring Intelligence		
13:45 – 14:05	Providing insight in the root causes of performance losses of PV plants through monitoring data: <ul style="list-style-type: none">• <i>PV Health Scan</i>	Achim Woyte (3E sa/nv)
14:05 – 14:25	Automatic detection of PV performance failures	Jonathan Leloux (UPM - PVCROPS) Adrien Desportes (RTONE – PVCROPS)
Tools for Field Testing		
14:25 – 14:45	On-site detection of issues in underperforming PV plants: <ul style="list-style-type: none">• <i>Tools for testing PV modules in the field</i>• <i>Tools for testing inverters in the field</i>	Gianluca Corbellini (SUPSI)
14:45 – 15:05	Testing kits for the quality control of PV plants	Francisco Martínez (UPM - PVCROPS) Nikolay Tyutyundzhiev (CLSENEs – UPM)
15:05 – 15:25	Coffee break	
Energy Management and Control		
15:25 – 15:45	Overall optimization of systems comprising PV, controllable thermal energy resources and storage: <ul style="list-style-type: none">• <i>Using Model Predictive Control for the integration of optimal design choices with the optimal control of the system</i>	Mats Vande Cavey (KU Leuven)
15:45 – 16:05	Energy management strategies for the high penetration of PV systems into the grid	Iñigo de la Parra (UPNA - PVCROPS) Luis Fialho and Tomas Fartaria (UEVORA – PVCROPS)
16:05 – 16:45	Panel discussion	Moderator: Ioannis-Thomas Theologitis (Solar Power Europe)
16:45 – 17:00	Workshop round-up	Project coordinators
17:00 – 18:30	Networking reception	

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