

Workshop on HIPERION hybrid CPV/PV modules pilot installations at UPM and Fraunhofer ISE

Maximizing energy yield in space-constrained PV applications

22nd of July 2021, 12:00-15:35 (CEST), Online

HIPERION stands for *Hybrid Photovoltaics for Efficiency Record using Integrated Optical Technology*. The project goal is to bring to industrial scale high efficiency hybrid solar modules.

ABOUT THE WORKSHOP

The workshop will showcase the HIPERION PV pilot installations and characterization labs in Madrid and Freiburg. It will also offer technical talks on the technology and hands-on activities.

First part: overall technology description and virtual visits to the pilot installations at UPM and Fraunhofer rooftops.

Second part: technical sessions covering the most relevant aspects of the technology.

REGISTRATION

The workshop is an open meeting that anyone can attend without registration fees. Registration is mandatory through the UPM events platform: <http://eventos.upm.es/go/hiperion>. The Zoom link will be sent by the platform to registered people.

Time	Presentations and Speakers
1st Part:	
12:00-12:10	Presentation and welcome, Ignacio Antón (UPM)
12:10-12:30	Static tracking-integrated hybrid micro-concentrator module, a disruptive PV technology Speakers: César Domínguez (UPM), Jacques Levrat (CSEM)
12:30-13:00	Virtual visits to hybrid CPV/PV modules pilot installations at IES-UPM and Fraunhofer ISE
13:15-13:30	Applications and deployment of micro-CPV Speaker: David Schuppisser (Insolight)
13:30-14:00	Manufacturing of hybrid CPV/PV modules Speaker: Delphine Petri (CSEM)
2nd Part:	
14:30-14:45	Area constrained applications, where efficiency really matters Speaker: Ignacio Antón (UPM)
14:45-15:05	High efficiency photovoltaics, principles and technologies Speakers: Gerald Siefer, Juan F. Martínez (Fraunhofer)
15:05-15:20	Micro optics, principles and architectures Speaker: Guido Vallerotto (UPM)
15:20-15:35	Micro-CPV, a review of key technologies Speaker: Norman Jost (UPM)