

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

*Maximizing energy yield in space-constrained PV applications*

**22<sup>nd</sup> of July 2021, 12:00-15:35 (CEST), Online**

HIPERION stands for *Hybrid Photovoltaics for Efficiency Record using Integrated Optical*. 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
<b>1<sup>st</sup> Part:</b>	
12:00-12:10	Presentation and welcome, Ignacio Antón (UPM)
12:00-12:30	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
13:15-13:15	Applications and deployment of micro-CPV Speaker: David Schuppisser (Insolight)
13:30-14:00	Manufacturing of hybrid CPV/PV modules Speaker: Delphine Petri (CSEM)
<b>2<sup>nd</sup> Part:</b>	
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)