



## About

Perovskite solar cells have shown remarkable progress in a very short time with rapid increases in efficiency, from reports of about 3% in 2009 to [32.5% today](#). Perovskite tandem solar cells are getting momentum as was highlighted by the German Chancellor Olaf Scholz recently in the [World Economic Forum 2023](#) in Davos, and are now backed up by important community and infrastructures for their further development. This public event is part of the VIPERLAB EU funded project and is meant to shed light on several topics related to the status of achievements in the perovskite PV field: i) present the status of community and infrastructures available in Europe to develop them further ii) the latest achievements in their performance, iii) their market perspectives, iv) the efforts being exerted to develop a strategic Research and Innovation agenda to provide guidance to different stakeholders to accelerate their development and market introduction.

Additionally a panel discussion will be organised with key stakeholders from industry and policy representatives to discuss the main barriers that need to be removed to facilitate the market deployment on massive scale of perovskite based PV.

## Registration and venue

To register to the event, please click [here](#). **The registration is mandatory.**

The VIPERLAB event is hybrid. The **physical venue** is located in VBO 4 Rue Ravenstein 1000 Bruxelles (Belgium). The **online platform** used for the event is Zoom.

Due to the capacity of the room we kindly ask you to let us know whether you are planning to attend physically the event. **Seats are subject to availability and offered on a first come, first served** basis upon request. **Please confirm via this [FORM](#) whether you are attending the event physically. This is MANDATORY to access the venue.**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 101006715.

# AGENDA

14:30-16:00 pm (Brussels time)

VBO 4 Rue Ravenstein 1000 Bruxelles (Belgium)

Online: [Zoom](#)

TIMING	PROGRAMME
14:30-14:35	<b>Welcome and introduction of the event</b> Dr. Nader Akil, PNO Innovation
14:35-14:45	<b>Introduction and presentation of the VIPERLAB project- Perovskite community and Infrastructures</b> Dr. Natalia Maticiuc, VIPERLAB Project Manager
14:45-14:55	<b>Achievements of Perovskite PV during the last years</b> Prof. Rutger Schlatmann, Helmholtz-Zentrum Berlin
14:55-15:05	<b>Market perspectives of Perovskite PV</b> Dr. Philippe Macé, Becquerel Institute
15:05-15:15	<b>Strategic Research and Innovation agenda for Perovskite single-junction PV</b> Dr. Ivan Gordon, IMEC
15:15-16:00	<b>Panel discussion</b> Moderator: <b>Dr. Nader Akil</b> , PNO Innovation Topics to be discussed: <ul style="list-style-type: none"><li>- The European PV solar Industry alliance and its impact on new PV manufacturing in the EU</li><li>- The most important technical barriers that still need to be removed in the perovskite supply chain to make it a reality</li><li>- The main harmonization/standardisation challenges in perovskite PV before we can align industry for massive deployment</li><li>- How do we see the future production of new solar modules in Europe and how to avoid the pitfalls we had with the silicon-based solar industry and modules 10 years ago?</li></ul> Speakers: <ul style="list-style-type: none"><li>• <b>Mr. Jacek Truszczyński</b>, Deputy Head of Unit Green and circular economy, European Commission, DG GROW</li><li>• <b>Prof. Rutger Schlatmann</b>, Helmholtz-Zentrum Berlin</li><li>• <b>Dr. Tony Sample</b>, European Commissions' Joint Research Centre</li><li>• <b>Dr. Stephan Abermann</b>, Austrian Institute of Technology</li><li>• <b>Dr. Johan Lindahl</b>, European Solar Manufacturing Council</li></ul>



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