

# Workshop Program

Date 20-22 November 2024  
Location Comet Meetings – Louise Pl. Stéphanie 20, 1050 Bruxelles

DAY 1: 20 November 2024

Time	Title	Speaker
13:00 – 18:00	<b><u>Setting the scene</u></b>	
	<b>Part 1</b>  Supported by " <a href="#">SuPerTandem</a> " project  Intro: Thin-Film PV: past, present, future of industrial technologies Highlights for emerging technologies: OPV Moderated Discussion	<b>Ayodhya Tiwari</b> (former EMPA)  <b>Jonas Bergqvist</b> (Epishine, CTO) TBC
	<b>Part 2</b>  Supported by " <a href="#">Pepperoni</a> " project  Highlights for emerging technologies: Pk/Si (2T) Highlights for emerging technologies: Pk/Pk Highlights for emerging technologies: Pk/Pk (4T) Moderated Discussion	<b>Chris Case</b> (OxfordPV) <b>Ye Liu</b> (CTO of Renshine solar) <b>Francesco Di Giacomo</b> (Solertix)
	<b><u>Application Areas and cost competition</u></b>	
13:00 – 18:00	<b>Part 1</b> Supported by " <a href="#">Nexus</a> " project  Intro: Integrated PV: how did it work out so far for established PV technologies? Emerging PV: entering the market as BIPV?	<b>Quentin Jeangros</b> (CSEM)  <b>Sebastian Meier</b> (ASCA)

	<p>Moderated Discussion</p> <p><b>Part 2</b> Supported by "<a href="#">Pepperoni</a>" project</p> <p>Pk technology: market competitiveness Review: Techno-economical analysis for Pk tandem Moderated discussion</p>	<p><b>Tanja Ivanovska</b> (Saule) <b>Lars Oberbeck</b> (Total Energies)</p>
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## Day 2: 21 November 2024

Time	Title	Speaker
08:00-12:00	<p><b>Field Trip to Energyville</b></p> <p>Departure at 8 in front of Royal Palace</p>	
12:00-13:00	Lunch	
13:00-18:00	<p><b><u>Large Are processing</u></b></p> <p><b>Part 1</b> Supported by "<a href="#">Pearl</a>" project</p> <p>Challenges for S2S processing on rigid carriers Challenges for R2R processing on flex carriers Moderated Discussion</p> <p><b>Part 2</b> Supported by "LAPERITIVO" project</p> <p>Setting up production capacity in Europe: example 1 Setting up production capacity in Europe: example 2 Setting up production capacity in Europe: example 3 Moderated Discussion</p> <p><b><u>LCA critical materials, toxicity</u></b></p> <p><b>Part 1</b> Supported by "LAPERITIVO" project</p> <p>Intro: LCA for perovskite-based PV technology</p>	<p><b>Ulrich Paetzold/Paul Fassl</b> (KIT) <b>Frederik Krebs</b> (InfinityPV)</p> <p><b>Martin Fischer</b> (Von Ardenne) TBC (HyET Solar) <b>Henry Weber</b> (QCells)</p> <p><b>Paul de Wild</b> (SmartGreenScans)</p>

	<p>Are there enough materials for terawatt-scale perovskite PV? Moderated Discussion</p> <p><b>Part 2</b> Supported by "SuPerTandem" project</p> <p>Risk and mitigation of Pb-leakage from perovskite PV modules The critical issue of using lead for sustainable massive production of perovskite solar cells Moderate Discussion</p>	<p><b>Lukas Wagner</b> (Philipps-University Marburg)</p> <p><b>Sebastian Hedwig</b> (FNHW)</p> <p><b>Laura Parisi</b> (Uni Sienna)</p>
<b>19:30-22:00</b>	<b>Dinner @ Pentahotel Pentahotel city centre Chaussée de Charleroi 38</b>	

### Day 3: 22 November 2024

Time	Title	Speaker
<b>09:00-13:00</b>	<p><u>Business models and spill-overs from other technologies</u></p> <p><b>Part 1</b> Supported by "<a href="#">Pearl</a>" project</p> <p>How to cross the valley of technologies? Spill-over from Printed Electronics TBC Moderated Discussion</p> <p><b>Part 2</b> Supported by "<a href="#">Viperlab</a>" project</p> <p>The VIPERLAB strategic research and innovation agenda on perovskites The European Solar PV Industry Alliance The European Technology and Innovation Platform for Photovoltaics</p>	<p><b>Francesco Matteucci</b> (EIC)</p> <p><b>Peter Willaert</b> (Dycotec Materials)</p> <p><b>Paul Gosselink</b> (BOM)</p> <p><b>Ivan Gordon</b> (EERA PV)</p> <p><b>Gaetan Masson</b> (ESCM)</p> <p><b>David Moser</b> (ETIP PV)</p>

	<p>Moderated Discussion</p> <p><b><u>Stability, reliability and circularity</u></b></p> <p><b>Part 1</b> Supported by "<a href="#">Viperlab</a>" project</p> <p>Intro: Setting standard protocols for Pk PV product validation Standardization of accelerated stability testing for Pk PV New requirements for specific applications: VIPV Moderated Discussion</p> <p><b>Part 2</b> Supported by "<a href="#">Nexus</a>" project</p> <p>Characterization of large area devices to detect failure modes Circular economy for perovskite PV Moderated Discussion</p>	<p><b>Giorgio Bardizza</b> (TUV Rheinland) <b>Stephane Cros</b> (CEA) <b>Ryota Mishima</b> (Kaneka)</p> <p>TBC (Eternal Sun) <b>Matthew Davies</b> (SPECIFIC IKC)</p>
<b>13:00</b>	Lunch	

