

PVSAT Programme

Wednesday 22 April 2026

10:15 AM - 11:00 AM	Registration and Arrival Refreshments
11:00 AM - 12:30 PM	<p>Opening Session</p> <p>11:00 AM - 11:15 AM PVSAT Committee Welcome</p> <p>11:15 AM - 11:25 AM Adam Suttle Updates from the Engineering and Physical Science Research Council</p> <p>11:25 AM - 11:30 AM Allison Vickers Membership at the IoP</p> <p>11:30 AM - 12:00 PM Martin Schubert (Invited Speaker) Measurement challenges of perovskite-silicon tandem cells</p> <p>12:00 PM - 12:15 PM Sebastian Bonilla The Impact of Transparent Conducting Electrodes on Tandem Solar Cell Efficiency</p> <p>12:15 PM - 12:30 PM Byunggi Kim Multi-Bridged Lewis-Functionalized Interfacial Engineering for Enhanced Crystallinity and Stability in Inverted Perovskite Photovoltaics</p>
12:30 PM - 1:30 PM	Lunch
1:30 PM - 2:45 PM	Poster Session A
2:45 PM - 3:00 PM	Afternoon Break
3:00 PM - 4:30 PM	<p>Session 2: OPVs, TCOs and Electrodes in PV</p> <p>3:00 PM - 3:30 PM Julianna Panidi (Invited Speaker) Enhancing the stability of OPVs without compromising their sustainability</p> <p>3:30 PM - 3:45 PM John O'Sullivan Transparent Conducting Electrodes for Perovskite-Silicon Tandem Solar Cells</p> <p>3:45 PM - 4:00 PM Tony Woodgate Are you using an appropriate PV reference cell to measure your OPV device?</p> <p>4:00 PM - 4:15 PM Harsh Malapur AZO-based transparent conductive electrode for ITO-free OPV application</p> <p>4:15 PM - 4:30 PM Theodore D C Hobson The electronic and chemical properties of silicon/zinc-oxide interfaces for nanolayer transparent electrodes in photovoltaics</p>
4:30 PM - 4:45 PM	Afternoon Break

<p>4:45 PM - 5:45 PM</p>	<p>Session 3: Compound Semiconductor PV</p> <p>4:45 PM - 5:00 PM David Keeble Detection and identification of vacancy-related point defects in photovoltaic antimony selenide</p> <p>5:00 PM - 5:15 PM Daniel McDermott Coupled optical & electrical frequency domain spectroscopy to characterize defects in Cu(In,Ga)Se₂ solar cells</p> <p>5:15 PM - 5:30 PM PRABEESH PUNATHIL Grain-Boundary Passivation and Band-Gap Engineering in CZTSSe via a Low-Temperature CdCl₂ Process</p> <p>5:30 PM - 5:45 PM Mehvish Javed Thermochemical processing of Sb₂S₃ nanorod inks: anion exchange pathways to Sb₂Se₃ absorbers for tandem photovoltaic applications</p>
<p>6:00 PM - 8:00 PM</p>	<p>Welcome Reception and Pizza</p> <p>The Catalyst Foyer</p>