

## APPLICATION TARGETED AND INTEGRATED PHOTOVOLTAICS,

The closing symposium of the EPSRC ATIP programme grant.

<https://www.swansea.ac.uk/science-and-engineering/research/materials-manufacturing/atip/>

@ B10 Lecture Theatre, MSRH, White City Campus, Imperial College London

THURSDAY 12<sup>th</sup> JUNE 2025

9.00 am	Welcome, registration and tea/coffee	
9.30 am	Opening Remarks	
Session 1, Chair: James Durrant		
9.35-10.05 am	Christoph Brabec	Solar TAP – a Helmholtz wide technology transfer platform to accelerate innovating emerging PV technologies
10.05- 10.35 am	Henry Snaith	Addressing efficiency and stability challenges for multi-junction metal-halide perovskite solar cells
10.35-11.05 am	Derya Baran	Slowing Down in an Accelerated World: Understanding Degradation Pathways in Organic and Perovskite Photovoltaics for Extended Lifetime
11.05 – 11.30 am	Coffee / Tea Break	
Session 2, Chair: Martin Heeney		
11.30 – 12.00 pm	Diego Bagnis	NFA-based OPV panel scale-up and early applications studies
12.00 – 12.30 pm	Ji-Seon Kim	Generating Free Charges in Single-Component Organic Semiconductors
12.30pm- 2.00pm	Lunch and Poster Session	
Session 3, Chair: Piers Barnes		
2.00-2.30pm	Paul Meredith	Mind the Gap – the Impact of Trap States on the Photovoltaic Thermodynamics of Molecular and Other Partially Disordered Semiconductors
2.30-3.00pm	Jenny Nelson	tbc
3.00-3.30pm	Coffee / Tea Break	
Session 4, Chair: Nicola Gasparini		
3.30-4.00pm	Ravi Silva	Designing flexible electronics for a net carbon zero future
4.00-4.30pm	Marina Freitag	IoT Networks Powered by DSC-Hybrid Photocapacitors
4.30-5pm	Matt Carnie	Dim Lights, Kilobytes and Bright Ideas for Indoor PV-Powered IoT
5.00 pm	Concluding Remarks	
5.10 pm	Drinks Reception and Poster Session	

Please register at <https://forms.office.com/e/igNb4SchTP>

Registration Free. Any questions please contact [s.villarroya-lidon@swansea.ac.uk](mailto:s.villarroya-lidon@swansea.ac.uk)