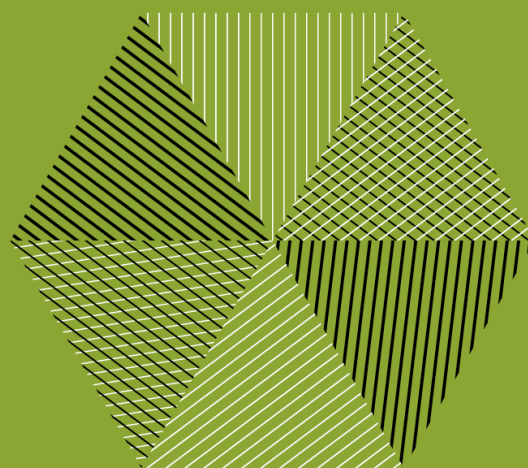


# IOP Publishing Energy 2025

A one-day event for early career researchers on the future of energy research and the green economy.

**29 April 2025, IOP London**



## Programme

8:30 AM - 9:00 AM	Registration and Refreshments
9:00 AM - 9:15 AM	Welcoming Remarks
9:15 AM - 10:00 AM	<b>Keynote 1 – Prof. Emma Kendrick (Batteries)</b> Recycling and Reuse of lithium and sodium ion battery materials
10:00 AM - 10:45 AM	<b>Keynote 2 – Prof. Petra Cameron (Photovoltaics)</b> Why do we need new types of solar cell? The opportunities and challenges of next generation photovoltaics
10:45 AM - 11:15 AM	Morning Break
11:15 AM - 12:00 PM	<b>Keynote 3 – Prof. Ifan Stephens (Power-to-X)</b> Electrons at Work: Bridging Water Electrolysis, Nitrogen Reduction, and Battery Science
12:00 PM - 12:45 PM	<b>Keynote 4 – Prof. Elizabeth A. Gibson (Circular Economy)</b> A Circular Economy of Chemicals
12:45 PM - 1:45 PM	Networking lunch
1:45 PM - 2:30 PM	<b>Keynote 5 – Dr. Jessica Higgins (Nuclear Energy)</b> Conventional Nuclear Power Plants vs Small Modular Reactors: is bigger always better?
2:30 PM - 3:15 PM	<b>Keynote 6 - Prof. Aron Walsh (AI for Energy)</b> Can AI Discover Materials?
3:15 PM - 3:45 PM	Afternoon Break
3:45 PM - 4:45 PM	Careers Panel
4:45 PM - 6:15 PM	Posters, Networking, Drinks and Nibbles
6:15 PM - 6:30 PM	Closing Remarks and Poster Prizes