

Energy-meets-Nano Workshop 2026

19 Monday October 2026

Time	Programme
10:00 – 10:30	Registration and Refreshments
10:30 – 10:40	Welcome & Opening remarks (Martin Munz)
	Session I (Session Chairs: David Lidzey, Ibon Santiago)
10:40 – 11:15	Invited talk 1: Prof. S. Ravi P. Silva, University of Surrey From Nanoscience to Net Zero: Carbon Nanotechnology for Smart, Flexible and Scalable Renewable Energy Systems
11:15 – 11:50	Invited talk 2: Prof. Sonya Calnan, Loughborough University A synopsis of nanomaterials uses and challenges thereof, in enhancing the efficiency of energy related processes
11:50 – 12:25	Invited talk 3: Prof. Markys Cain, Electrosiences Ltd Characterisation of macro-to-nanoscale energy harvesting devices
12:25 – 13:25	Lunch
	Session II (Session Chairs: S. Ravi P. Silva, Richard G. Forbes)
13:25 – 14:00	Invited talk 4: Prof. Lidija Siller, Newcastle University Nickel nanoparticles and aerogels for carbon capture and energy storage
14:00 – 14:15	Student talk 1: Elizabeth Colbert, Lancaster University The Making of an Apparatus for Measuring Conductance through Molecular Layers using a Syringe-Based EGaIn Junction
14:15 – 14:30	Student talk 2: James Neil, University of Surrey Organic-Inorganic Nanostructured Thermoelectric Devices: A Framework for High Power Factor and Controllable Semiconductor Typing
14:30 – 15:05	Invited talk 5: Prof. David Lidzey, University of Sheffield Microgroove perovskite solar cell modules fabricated via roll-to-roll slot die coating
15:05 – 16:05	Afternoon Break and Poster session

	Session III (Session Chairs: Lidija Siller, Yitao Wang)
16:05 – 16:40	Invited talk 6: Dr. Galo Paez Fajardo, University of Warwick How sub-nanoscale orbital and electron interactions dictate redox in battery materials
16:40 – 17:15	Invited talk 7: Prof. Shelly Conroy, Imperial College London TBC
17:15 – 17:50	Panel discussion (Moderation by Dean Kos)
17:50 – 18:00	Poster Prize Ceremony and Closing remarks