

28th International symposium: synthesis in organic chemistry

21-24 July 2025 | Cambridge, UK



Monday 21 July 2025

16:15 – 18.15	Registration
18.30	Dinner (<i>tickets only</i>) – (Dining Hall)
19.30 – 20:30	Welcome drinks reception – (Marquee on lawn) <i>All delegates invited</i>

Tuesday 22 July 2025

09.00	Opening remarks David Spring <i>University of Cambridge, UK</i>
	Session 1 Session Chair: Tim Donohoe
09.10	I01 The discovery of oral anti-virals for the treatment of COVID-19 Charlotte Allerton <i>Pfizer, USA</i>
09:55	I02 TBC Tanja Weil <i>Max Planck Institute for Polymer Research, Germany</i>
10.40	Break and refreshments (Great Hall)
	Session 2 Session Chair: Alison Hulme
11:20	I03 2024 Organic Chemistry open prize: Pedler Prize Winner Synthesis of nanowires and nanorings Harry Anderson <i>University of Oxford, UK</i>
12.10	Lunch (Great Hall) <i>All delegates invited</i>
	Session 3 Session Chair: Alison Hulme
13.40	I05 Tales on Bismuth redox catalysis Josep Cornella <i>Max-Planck-Institut für Kohlenforschung, Germany</i>

14.25	I06 Site and enantioselective C-H oxidation with minimalistic models of hydroxylases Miquel Costas <i>University of Girona, Spain</i>
15:10	Break and refreshments (Great Hall)
15:40	I07 Short talk 2024 Harrison-Meldola Early Career Prize for Chemistry Biocatalytic approaches to nucleic acid therapeutics manufacturing Sarah Lovelock <i>University of Manchester, UK</i>
16:10	I08 Short talk 2024 Organic Chemistry early career Prize: Hickinbottom Prize Organobismuth reagents for synthesis and catalysis Liam Ball <i>University of Nottingham, UK</i>
16:40	Flash poster presentations (odd numbers) (invited by scientific committee)
17:00	Poster session I (odd numbers) and refreshments (Great Hall)
18:30 – 19:00	Dinner (<i>tickets only</i>) (Dining Hall)
	Session 4 Session Chair: TBC
19:30	I09 Evening talk Late-stage functionalizations Tobias Ritter <i>Max-Planck-Institut für Kohlenforschung, Germany</i>
20:15 – 21:15	Drinks reception (Great Hall) <i>All delegates invited</i>

Wednesday 23 July 2025

	Session 5 Session Chair: David Spring
09:00	I10 Deciphering microbes and microbiomes with chemistry Emily Balskus <i>Harvard University, USA</i>
09.45	I11 How PROTAC degraders work: Molecular recognition and design principles Alessio Ciulli <i>University of Dundee, UK</i>
10.30	Break and refreshments (Great Hall)
	Session 6 Session Chair: David Spring
11:00	I12 Membrane-permeable cyclic peptides for addressing intracellular targets and oral delivery Christian Heinis <i>Ecole Polytechnique Fédérale de Lausanne, Switzerland</i>
11.45	I13 Diving into chemical networks of living organisms with catalysts Motomu Kanai <i>The University of Tokyo, Japan</i>
12:30	Lunch (Great Hall) <i>All delegates invited</i>
	FREE TIME
15:00	Making science greener: sustainable laboratories Anne Horan and Izzy Tibbetts <i>Royal Society of Chemistry, UK</i>
	Session 7 Session Chair: Robert Phipps
15.30	I14 short talk Exploring new avenues in photocatalysis through unconventional radical acceptors Mattia Silvi <i>University of Nottingham, UK</i>
16.00	I15 short talk An organometallic perspective to first-row transition metal catalysis Alicia Casitas <i>Philipps-Universität Marburg, Germany</i>
16:30	Flash poster presentations (even numbers) (invited by scientific committee)
16:50	Poster session II (even numbers) and refreshments
18:20	Close of session
19:00	Pre-dinner drinks (tickets only) (Marquee on lawn)

19:30	Conference dinner (<i>tickets only</i>) (Dining Hall)
	Session 8 Session Chair: Robert Phipps
21:15	I16 Evening talk Synthesis using engineered biocatalysts Nicholas Turner <i>University of Manchester, UK</i>
22:00 – 23:00	Drinks reception (Great Hall) <i>All delegates invited</i>

Thursday 24 July 2025

	Session 9 Session Chair: Jonathan Burton
09.00	I17 Using high throughput experimentation to gain new insights Marisa Kozlowski <i>University of Pennsylvania, USA</i>
09.50	I18 LMCT Catalysis for selective functionalizations of strong bonds Zhiwei Zuo <i>Shanghai Institute of Organic Chemistry, China</i>
10.40	Break and refreshments (Great Hall)
	Session 10 Session Chair: Jonathan Burton
11.10	I19 Radical biocatalysis - using electron transfer to unlock new enzyme functions Todd Hyster <i>Princeton University, USA</i>
12:00	I20 Synthetic information molecules Christopher Hunter <i>University of Cambridge, UK</i>
12:50	Closing remarks and presentation of poster prizes Robert Phipps <i>University of Cambridge, UK</i>
13.00	Lunch and depart (grab and go from Mary Allan Building)

Please note that timings are subject to change.