

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>)
19.30	Welcome drinks reception <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: TBC
09.10	I01 TBC 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
	Session 2 Session Chair: TBC
11:10	I03 2024 Organic Chemistry open prize: Pedler Prize Winner Synthesis of nanowires and nanorings Harry Anderson <i>University of Oxford, UK</i>
11.55	I04 Metalloradical catalysis: General approach for homolytic radical reactions Peter Zhang <i>Boston College, USA</i>
12.40	Lunch <i>All delegates invited</i>
	Session 3 Session Chair: TBC

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
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 Harrison-Meldola Early Career Prize for Chemistry 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
18:30	Dinner (<i>tickets only</i>)
	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	Drinks reception <i>All delegates invited</i>

Wednesday 23 July 2025

	Session 5 Session Chair: TBC
09:00	I10 Deciphering microbes and microbiomes with chemistry Emily Balkus <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
	Session 6 Session Chair: TBC
11:00	I12 TBC 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	Making science greener: sustainable laboratories Science Team, Royal Society of Chemistry, UK
13:00	Lunch <i>All delegates invited</i>
	FREE TIME
	Session 7 Session Chair:
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 <i>(tickets only)</i>
19:30	Conference dinner <i>(tickets only)</i>

	Session 8 Session Chair: TBC
21:15	I16 Evening talk Synthesis using engineered biocatalysts Nicholas Turner <i>University of Manchester, UK</i>
22:00	Drinks reception <i>All delegates invited</i>

Thursday 24 July 2025

	Session 9 Session Chair: TBC
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 C(sp³)–H and C(sp³)–C(sp³) bond functionalization Zhiwei Zuo <i>Shanghai Institute of Organic Chemistry, China</i>
10.40	Break and refreshments
	Session 10 Session Chair: TBC
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 TBC <i>University of Cambridge, UK</i>
13.00	Lunch and depart

Please note that timings are draft and the programme is subject to change.