

JSF Memorial Symposium

Day 1 (29th March 2023)

9:30 – 10:30	Registration, Refreshments and Pastries
Session 1	10:30 – 11:50 Chair: Dr Liam Cox
10:30 – 10:35	Opening Remarks
10:35 – 10:40	Welcome from Prof. Jon Frampton
10:40 – 11:40	Prof. Shu Kobayashi, University of Tokyo <i>Environment, Human Health, and Energy: Catalysts Play Key Roles Toward Sustainable Society</i>
11:40 – 11:50	Funding opportunities with JSPS
11:50 – 13:00	Lunch, Networking and Posters
Session 2	13:00 – 14:30 Chair: Dr Paul Davies
13:00 – 13:30	Prof. Stephen Goldup, University of Birmingham <i>Mechanically Chiral Molecules: Synthesis and Applications</i>
13:30 – 13:50	Prof. Sofia Pascu, University of Bath <i>New Investigations into Fluorescent Thiosemicarbazones and Related Functional Molecules for Theranostic Applications</i>
13:50 – 14:10	Dr Benjamin Buckley, Loughborough University <i>Highly Enantioselective Synthesis of Bicyclo[2.2.2]octenone's through catalytic ortho-Hydroxylative Phenol Dearomatization</i>
14:10 – 14:30	Dr Richard Grainger, University of Birmingham <i>GPx mimics based on conformationally-restricted fluorene and carbazole dichalcogenides</i>
14:30 – 15:00	Refreshments, Networking and Posters
Session 3	15:00 – 16:30 Chair: Dr Daniel Payne (JSF Alumni)
15:00 – 15:30	Prof. Thorfinnur Gunnlaugsson, Trinity College Dublin <i>Triazole based ligands as building blocks in supramolecular chemistry</i>
15:30 – 15:50	Dr Robert Elmes, University of Maynooth <i>Squaramides: From Receptors to Antimicrobials</i>
15:50 – 16:10	Dr Stephen Butler, Loughborough University <i>Lanthanide-based Receptors for Multisite Recognition of Nucleoside Phosphate Anions</i>
16:10 – 16:30	Prof. Jennifer Hiscock, University of Kent <i>Supramolecular Self-associating Amphiphiles (SSAs) – A therapeutic technology platform? Plus a surprise.....</i>
17:20 – 17:40	Refreshments, Networking and Posters
Session 4	17:00 – 18:30 Chair: Prof. Tony James
17:00 – 17:30	Prof. Steven Bull, University of Bath/University of Leicester <i>Adventures in Synthesis and Sensing with Fossey Sensei</i>
17:30 – 17:45	Dr Daniel Payne, Open University / NIMS (JSF Alumni) <i>Encryption of Chromophores in Macrocyclic Scaffolds</i>
17:45 – 18:00	Dr William Brittain, University of Durham (JSF Alumni) <i>Access to Asymmetrical Bi-aryls Utilising a Fluorinated Pyridine Protecting Group Strategy</i>
18:00 – 18:15	Dr George Williams, University of Southampton (JSF Alumni) <i>Self-assembling supramolecular amphiphiles as adjuvants to increase the efficacy antimicrobials against P. aeruginosa</i>
18:15 – 18:30	Alex Quy, University of Birmingham (JSF Alumni) <i>Boronic acid and ester oxidation mechanistic studies for the development of anti-neoplastic prodrugs</i>
18:30	Day 1 Close
Evening	Drinks Reception and Buffet

JSF Memorial Symposium
Day 2 (30th March 2023)

8:30 – 9:00	Refreshments and Pastries
Session 1 09:00 – 10:30 Chair: Dr Órla Conway (<i>JSF Alumni</i>)	
09:00 – 09:30	<i>Prof. Shuli You, Shanghai Institute of Organic Chemistry</i> Recent Progress on Catalytic Asymmetric Dearomatization Reactions
09:30 – 09:50	<i>Prof. Tsuyoshi Minami, University of Tokyo</i> Organic Transistor-based Chemical Sensors with Artificial Receptors
09:50 – 10:10	<i>Dr Andrew Leach, University of Manchester</i> Boron-catalysed reactions and interactions
10:10 – 10:30	<i>Dr Paul Davies, University of Birmingham</i> New developments in gold catalysis
10:30 – 11:00	Refreshments, Networking and Posters
Session 2 11:00 – 12:30 Chair: Dr Richard Grainger	
11:00 – 11:30	<i>Dr Ai-Lan Lee, Heriot Watt University</i> Decarboxylative Radical Functionalisations: Minisci Reactions and Beyond
11:30 – 11:50	<i>Prof. Akira Matsumoto, University of Tokyo</i> “Borono-lectin”-inspired bioengineering for bio-interactive applications
11:50 – 12:10	<i>Dr Andrew Dalling, Syngenta (JSF Alumni)</i> Total Synthesis of epi-Tetradehydrohalicyclamine B
12:10 – 12:30	<i>Dr Anna Peacock, University of Birmingham</i> Coiled coils as ligands for inclusion in the inorganic chemist’s toolbox
12:30 – 13:30	Lunch, Posters and Networking
Session 3 13:30 – 15:00 Chair: TBC	
13:30 – 14:00	<i>Prof. M. Carmen Galan, University of Bristol</i> Photoresponsive Ligands to modulate G-quadruplex DNA as a Therapeutic Target
14:00 – 14:20	<i>Prof. Kazuo Sakurai, University of Kitakyushu</i> Finding Platonic Micelles and Their Application in Drug Delivery
14:20 – 14:40	<i>Prof. Ian Fairlamb, University of York</i> Why understanding mechanisms in cross-coupling catalysis is important: Going off the beaten track
14:40 – 15:00	<i>Prof. Tomoki Nishimura, University of Shinshu</i> Polymer Vesicles with Molecular Permeability for Therapeutic Nanoreactors
15:00 – 15:20	Refreshments, Networking and Posters
Session 4 15:30 – 17:00 Chair: Dr William Brittain (<i>JSF Alumni</i>)	
15:20 – 15:50	<i>Prof. David Leigh, University of Manchester</i> Dynamic Atropisomerism: Giving Chemistry Direction
15:50 – 16:50	<i>Prof. Eric Anslyn, University of Texas at Austin</i> Supramolecular Methods for the Rapid Screening of EE and DR, and a Surprise Topic
16:50 – 16:55	The John S Fossey Award for Equality, Diversity and Inclusion (EDI) in the School of Chemistry (2021)
16:55 – 17:00	Poster Prizes and Final Remarks