



**Sunday 2 July**

11:30	Registration, tea and coffee	
13:05	Welcome and Introductions Jonathan Nitschke, <i>Chair of Scientific Committee</i>	
	<b>Session 1</b> Session Chair: Eric Anslyn	
13:20	<b>Alleno-acetylenic cages for enantioselective complexation and halogen-bonded capsules</b> <u>François Diederich</u> <i>ETH Zürich, Switzerland</i>	PL01
14:00	<b>Macrocyclic Polymerization Catalysts: Using Renewable Resources and Switchable Catalysis to Selectively Prepare Block Copolymers</b> <u>Charlotte Williams</u> <i>University of Oxford, UK</i>	K01
14:30	<b>Photo-induced self-sustained mechanical oscillations of liquid-crystal networks</b> <u>Ghislaine Vantomme</u> , Anne Helene Gelebart, Dirk J. Broer and E. W. Meijer <i>Eindhoven University of Technology, Netherlands</i>	O01
14:45	<b>Soft machines from molecularly mechanized materials</b> <u>Nathalie Katsonis</u> <i>University of Twente, Netherlands</i>	K02
15:15	Tea and coffee	
	<b>Session 2</b> Session Chair: Jonathan Sessler	
15:55	<b>Biomimetic carbohydrate recognition: the host-guest chemistry of carbohydrates in water</b> <u>Tony Davis</u> <i>University of Bristol, UK</i>	K03
16:25	<b>Aqua materials</b> <u>Boris Rybtchinski</u> <i>Weizmann Institute of Science, Israel</i>	K04
16:55	<b>History of Izatt-Christensen Award</b> <u>Fraser Stoddart</u> <i>Northwestern University, USA</i>	
17:10	<b>Izatt-Christensen Award Lecture: Template-directed synthesis of <math>\pi</math>-conjugated nanostructures</b> <u>Harry Anderson</u> <i>University of Oxford, UK</i>	PL02
17:50	Flash presentations	
18:30	Poster Session A	
19:50	Close of session	

**Monday 3 July**

<b>Session 3</b> Session Chair: Pablo Ballester		
09:00	<b>Supramolecular free radicals: from tunable activity to diverse functions</b> <u>Xi Zhang</u> <i>Tsinghua University, China</i>	PL03
09:40	<b>Bio-Inspired Tools to Control Radical-type Catalytic Reactions; Second Coordination Sphere Effects and Supramolecular Confinement</b> <u>Bas de Bruin</u> <i>Universiteit van Amsterdam, Netherlands</i>	K05
10:10	<b>Selective recognition and detection of redox active small molecules in complex biological matrix</b> Ho Yu Au-Yeung <i>The University of Hong Kong, China</i>	O02
10:25	Tea and coffee	
11:05	<b>Designing Molecular Shuttles to Function in the Solid-State</b> <u>Stephen Loeb</u> <i>University of Windsor, Canada</i>	K06
11:35	<b>Multicavity [PdnL4]2n+ cages with controlled segregated binding of different guests</b> <u>James Crowley</u> , Dan Preston and James E. M Lewis <i>University of Otago, New Zealand</i>	O03
11:50	<b>Supramolecular polymers for directional transport</b> <u>Christoph Schalley</u> <i>Freie Universität Berlin, Germany</i>	K07
12:20	Lunch	
<b>Session 4</b> Session Chair: Jeffrey Davis		
13:55	<b>Stable porphyrinoid meso-oxy- and meso-aminy radicals</b> <u>Atsuhiko Osuka</u> <i>Kyoto University, Japan</i>	K08
14:25	<b>Metal-organic cages: expanding the toolbox of stimuli-responsive behaviour</b> <u>Anna McConnell</u> , Catherine Aitchison, Angela Grommet, Julia Guilleme and Jonathan Nitschke <i>Kiel University, Germany</i>	O04
14:40	<b>Halogenation as a new tool to control the supramolecular chemistry of peptides</b> <u>Pierangelo Metrangolo</u> , Francesca Baldelli Bombelli, Greta Bergamaschi, Gabriella Cavallo, Alessandro Gori, Daniele Maiolo, Claudia Pigliacelli, Andrea Pizzi and Giancarlo Terraneo <i>Politecnico di Milano, Italy</i>	O05
14:55	<b>Towards ligand field predictability and spin crossover-based sensors</b> Santi Rodríguez-Jiménez, Ross W. Hogue, Humphrey L. C. Feltham, Ray Yang, Anna L. Garden and <u>Sally Brooker</u> <i>University of Otago, New Zealand</i>	K09
15:25	Tea and coffee	
16:05	<b>Supramolecular Sensing of Peptides Containing Post-Translational Modifications</b> <u>Marcey Waters</u> <i>University of North Carolina, USA</i>	K10
16:35	<b>Pushing the functional and structural complexity of self-assembled cages</b> <u>Guido Clever</u> <i>Technische Universität Dortmund, Germany</i>	K11

17:05	<b>Synthesis of poly[n]catenanes</b> <u>Stuart Rowan</u> <i>University of Chicago, USA</i>	K21
17:35	<b>Cram Lehn Pedersen Prize: Engineering bioinspired molecular networks</b> <u>Tom de Greef</u> <i>Eindhoven University of Technology, Netherlands</i>	PL04
18:15	Close of session	

## Tuesday 4 July

<b>Session 5</b> Session Chair: Kate Jolliffe		
08:30	<b>Bob Hay Lectureship 2016: Small functional rotaxanes</b> <u>Stephen Goldup</u> <i>University of Southampton, UK</i>	PL05
09:10	<b>Making the tiniest machines</b> <u>David Leigh</u> <i>University of Manchester, UK</i>	PL06
09:50	<b>The self-assembling dance of heterochiral peptides</b> <u>Silvia Marchesan</u> <i>University of Trieste &amp; UdR INSTM, Italy</i>	K12
10:20	<b>Non-planar and 2-D expanded porphyrins</b> <u>Jonathan Sessler</u> <i>The University of Texas at Austin, USA</i>	O06
10:35	Tea and coffee	
11:15	<b>Exploring charge transfer in electroactive coordination frameworks</b> <u>Deanna D'Alessandro</u> <i>University of Sydney, Australia</i>	K13
11:45	<b>Chemical signal activation of an organocatalyst enables control over soft material formation</b> <u>Fanny Trausel</u> , Rienk Eelkema and Jan van Esch <i>Technical University of Delft, Netherlands</i>	O07
12:00	<b>Functional porous crystals from self-assembling bis-urea macrocycles</b> <u>Linda Shimizu</u> , Baillie DeHaven, Bozume Som and Ammon Sindt <i>University of South Carolina, USA</i>	O08
12:15	<b>Designing and building a membrane-bound biomimetic receptor from scratch</b> <u>Jonathan Clayden</u> <i>University of Bristol, UK</i>	K14
12:45	<b>Multivalent Glycofullerenes for Ebola Virus Infection</b> <u>Nazario Martín</u> <i>University Complutense of Madrid, Spain</i>	K15
13:15	Lunch	
14:15	Close of session and Cambridge activities	

Wednesday 5 July

Session 6		
Session Chair: Phil Gale		
09:00	<b>From discrete metal complexes to supramolecular assembly and nanostructures</b> <u>Vivian W.W. Yam</u> <i>The University of Hong Kong, China</i>	PL07
09:40	<b>Selective crystallization of oxoanion-water clusters with self-assembled guanidine ligands</b> <u>Radu Custelcean</u> <i>Oak Ridge National Laboratory, USA</i>	K16
10:10	<b>Controlled membrane translocation - a mechanism for transmembrane signal transduction and amplification in artificial vesicles</b> <u>Matthew Langton</u> , Flore Keymeulen, Maria Ciaccia, Nicholas Williams and Christopher Hunter <i>University of Cambridge, UK</i>	O09
10:25	Tea and coffee	
11:05	<b>From scrap paper to seafood waste: templating chiral photonic materials</b> <u>Mark MacLachlan</u> <i>University of British Columbia, Canada</i>	K17
11:35	<b>Photomodulation of anion binding affinity and selectivity</b> <u>Sander Wezenberg</u> , Matea Vlatković and Ben Feringa <i>University of Groningen, Netherlands</i>	O10
11:50	<b>Carbon nanorings, belts, ribbons, and saddles</b> <u>Kenichiro Itami</u> <i>Nagoya University, Japan</i>	K18
12:20 – 13:25	<b>Lunchtime Workshop: EPSRC Strategy and Funding Opportunities for Early Career Researchers</b> Presentation of EPSRC strategy, peer review process and funding schemes including fellowships, first grants and standard mode. Discussion and questions encouraged	
12:20	Lunch	
Session 7		
Session Chair: Mike Watkinson		
13:55	<b>Living supramolecular polymerization</b> <u>Frank Würthner</u> <i>Universität Würzburg, Germany</i>	K19
14:25	<b>Size matters; Length and width of the ligand as a decisive factor for coordination cage architecture and stability</b> <u>Suzanne Jansze</u> and Kay Severin <i>École polytechnique fédérale de Lausanne (EPFL), Switzerland</i>	O11
14:40	<b>Mechanically interlocked molecules based on tritopic synthetic hosts</b> Chuan-Feng Chen <i>Chinese Academy of Sciences, China</i>	O12
14:55	<b>RSC Honorary Fellowship: Synthetic Mimics of Secondary Structure and its Function</b> <u>Andrew Hamilton</u> <i>New York University, USA</i>	K20
15:25	Tea and coffee	
16:05	<b>Fundamental Studies on CH<sup>•••</sup>Anion Hydrogen Bonds and Emerging Applications in Industrial and Agricultural Sensing</b> <u>Darren Johnson</u> <i>University of Oregon, USA</i>	K22
16:35	<b>Bob Hay Lectureship 2017: Dissecting interactions in solutions</b> <u>Scott Cockroft</u>	PL08

	<i>University of Edinburgh, UK</i>	
17:15	Flash presentations	
17:55	Poster Session B	
19:15	Close of session	
19:30	Conference Banquet	

### Thursday 6 July

	<b>Session 8</b> Session Chair: Bernold Hasenknopf	
09:00	<b>Gas Separations in Metal-Organic Frameworks</b> <u>Jeffrey Long</u> <i>University of California, Berkeley, USA</i>	PL09
09:40	<b>Asymmetric autocatalysis and the origin of homochirality</b> <u>Kenso Soai</u> <i>Tokyo University of Science, Japan</i>	K23
10:10	<b>Concerted folding-and-assembly of short peptides via coordination</b> <u>Tomohisa Sawada</u> and Makoto Fujita <i>The University of Tokyo, Japan</i>	O13
10:25	Tea and coffee	
11:05	<b>Designing porous molecular crystals 'from scratch' using energy–structure–function maps</b> <u>Andrew Cooper</u> <i>University of Liverpool, UK</i>	K24
11:35	<b>Porous molecular crystals: fluorinated pyrazoles and cyclobenzoin</b> <u>Ognjen Miljanic</u> <i>University of Houston, USA</i>	K25
12:05	Lunch	
	<b>Session 9</b> Session Chair: Hai-Bo Yang	
13:05	<b>Supramolecular Award Lecture: Guest binding and catalysed reactions in the cavity of a coordination cage</b> <u>Michael D. Ward</u> , Christopher A. Hunter, Nicholas H. Williams, William Cullen, Christopher G. P. Taylor, Alexander J. Metherell <i>University of Sheffield, UK</i>	PL10
13:45	<b>Nanometer-sized Cages and Capsules</b> <u>Michael Mastalerz</u> <i>Universität Heidelberg, Germany</i>	K26
14:15	<b>A Bio-Inspired Approach Towards Functional Supramolecular Devices: Artificial Ion Channels and the Like</b> <u>Normand Voyer</u> <i>Université Laval, Canada</i>	K27
14:45	Closing remarks	
15:00	Close of conference	

Presenting authors are indicated in the programme by an underline. The affiliation is for the presenting author. If the presenting author of your paper has changed since abstract selection please email [events@rsc.org](mailto:events@rsc.org). Please note that this is a draft programme and timings may change.