



The Conference of Promoting New Chemistry

PROGRAMME

Conference Time: September 16th, 2018

Conference Place: The Conference Hall of Central Teaching Building

Morning Session (8:30 – 12:05)

Welcome and Awarding Ceremony (Chairman: Bo Wang)

08:30 – 09:00

Welcome Speech by President of Beijing Institute of Technology, Jun Zhang
The Awarding Ceremony of Consultant Professor and Academic Master of 111 Center
Introduction of 111 Center and The Conference of Promoting New Chemistry

Academic Lectures

09:00 – 10:00

Sir Fraser Stoddart, Northwestern University, USA
Title: *Research Cultures : Doing Your Own Thing*

10:00 – 10:30

Minghua Liu, Beijing National Laboratory for Molecular Science (BNLMS)
Title: *Chiral Function-Directed Self-Assembled Supramolecular Assemblies*

10:30 – 10:45

Tea break

10:45 – 11:10

Fran çisco Raymo, University of Miami, USA
Title: *Activatable Fluorophores*

11:10 – 11:35

Chun Li, Beijing Institute of Technology
Title: *Intelligent Biosystems Designed for Boosting Fermentation and Reducing Energy Consumption and Emission*

11:35 – 12:05

Sir Martyn Poliakoff, University of Nottingham, UK
Title: *Towards Greener Photochemistry*



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Afternoon Session (13:30 – 18:15)	
13:30 – 13:55	Bo Wang, Beijing Institute of Technology Title: <i>Metal Organic Framework Membranes and Filters</i>
13:55 – 14:20	David Falton, Newcastle University, UK Title: <i>A Supramolecular Approach to Protein Polymers and Materials</i>
14:20 – 14:45	Cheng Wang, Wuhan University Title: <i>Immobilizing Organic-Based Molecular Switches into Metal–Organic Frameworks: A Promising Strategy for Switching in Solid State</i>
14:45 – 15:10	Howard Colquhoun, University of Reading, UK Title: <i>Supramolecular Detection of Sequence Information in Synthetic Macromolecules</i>
15:10 – 15:20	Mark Olson, Tianjin University Title: <i>Exploiting Tunable Hydrochromism and the Structure-Property Relationships of Multifunctional Charge Transfer-based Supramolecular Materials Assembled in Water</i>
15:20 – 15:30	Zhichang Liu, Xihu university Title: <i>Selective Isolation of Gold with Alpha-Cyclodextrin</i>
15:30 – 15:45	Tea break
15:45 – 16:15	Oren Scherman, Cambridge University Title: <i>Biomimetic Supramolecular Hydrogel Networks Mediated by Cucurbit[8]uril</i>
16:15 – 16:35	Chuyang Cheng, Sichuan University Title: <i>Design and Construction of Artificial Molecular Pump</i>
16:35 – 16:55	Jimin Han, Beijing Institute of Technology Title: <i>Study on Modified Primary Explosive Based on Nanomaterials</i>
16:55 – 17:05	Andrew Sue, Tianjin University Title: <i>The Trouble with Five-C₅ Symmetric Tiara-Pillar arenes</i>
17:05 – 18:05	David Leigh, University of Manchester, UK Title: <i>Making the Tiniest Machines</i>
18:05 – 18:15	Closing



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