

10th International Conference on Materials Chemistry (MC10)

Monday 4 July

Welcome from Prof Dame Nancy Rothwell, President and Vice Chancellor of the University of Manchester, and Prof Stephen Yeates, President of RSC Materials Chemistry Division

Plenary 1		
Theme	Dynamic Materials Towards Functional Adaptive Materials	
13:30	Plen01	Jean-Marie Lehn

Parallel 1 Session 1		
Theme	Advanced Technologies and Nanomaterials	
Title	Carbon and nanocomposites	
14:30	ATN_O01	Takao Someya
15:00	ATN_O02	Robert Dryfe
15:15	ATN_O03	Karl Coleman
15:30	ATN_O04	Yongzheng Pan
15:45	ATN_O05	Choi Kyungmin
16:00		Refreshments
16:30	ATN_O06	Deborah Vidick
16:45	ATN_O07	Hamed Parham
17:00	ATN_O08	Robin Anderson
17:15	ATN_O09	Hossein Roghani-Mamaqani
17:30	ATN_O10	Juris Zavickis
17:45	Welcome Reception/Poster Session 1	
19:00	Close	

Parallel 2 Session 1		
Theme	Energy and Sustainability	
Title	Environmentally friendly energy sources and	
14:30	ES_O01	Bo Brummerstedt Iverson
15:00	ES_O02	Yeob Lee
15:15	ES_O04	Kan-Ern Liew
15:30	ES_O05	Eko Andrijanto
15:45		Refreshments
16:30	ES_O06	Elizabeth Norris
16:45	ES_O07	David Nixon
17:00	ES_O08	Steven Goodman
17:15	ES_O09	Eliana Athanassiades
17:30	ES_O10	David Birkett
17:45	Welcome Reception/Poster Session 1	
19:00	Close	

Parallel 3 Session 1		
Theme	Life and Health	
Title	Macromolecular Assemblies and Biomedical	
14:30	LH_O01	Alexander Kros
15:00	LH_O02	Harald Wutzel
15:15	LH_O03	Matthew Gibson
15:30	LH_O04	Andrew Treharne
15:45	LH_O05	Ben O'Driscoll
16:00		Refreshments
16:30	LH_O06	Cameron Alexander
17:00	LH_O07	Marina Resmini
17:15	LH_O08	Haifei Zhang
17:30	LH_O09	Wolfgang Tremel
17:45	Welcome Reception/Poster Session 1	
19:00	Close	

Parallel 4 Session 1		
Theme	Soft Matter	
Title	Organic electronics and photonics	
14:30	SM_O01	Natalie Stingelin
15:00	SM_O02	Steve Yeates
15:15	SM_O03	Mohammed Al-Hashimi
15:30	SM_O04	R. Sebastian Sprick
15:45	SM_O05	Ahmed Iraqi
16:00		Refreshments
16:30	SM_O06	Marek Szablewski
16:45	SM_O07	Eero Kontturi
17:00	SM_O08	Paolo Coppo
17:15	SM_O09	Michael Sommer
17:30	SM_O10	Gianluca M. Farinola
17:45	Welcome Reception/Poster Session 1	
19:00	Close	

Tuesday 5 July

Plenary 2		
Theme	Combining Heterogeneity with Uniformity in Metal-Organic Frameworks	
09:00	Plen 02	Omar Yaghi

Parallel 1 Session 2		
Theme	Advanced Technologies and Nanomaterials	
Title	Thin films	
10:00	ATN_O18	John DeMello
10:30	ATN_O12	Brian Derby
10:45	ATN_O13	Steve Yeates
11:00		Refreshments
11:30	ATN_O14	Ross Little
11:45	ATN_O15	Cynthia Edusi
12:00	ATN_O16	Andrey Blednov
12:15	Lunch & Poster Session 1	

Parallel 1 Session 3		
Theme	Advanced Technologies and Nanomaterials	
Title	Nanomaterials	
14:15	ATN_O35	Paul O'Brien
14:45	ATN_O19	Wolfgang Tremel
15:00	ATN_O20	Andrew Houlton
15:15	ATN_O21	John Thomas
15:30	ATN_O22	Marie-Alexandra Neouze
15:45		Refreshments

Plenary 3		
Theme	The advent of mesoscopic solar cells	
16:15	Plen03	Michael Graetzel
17:15	Close	

Parallel 2 Session 2		
Theme	Energy and Sustainability	
Title	Fuel cells, batteries and solar cells	
10:00	ES_O11	John Irvine
10:30	ES_O12	Antoine Demont
10:45	ES_O13	Felix Shin
11:00		Refreshments
11:30	ES_O14	Gregory Rees
11:45	ES_O15	Maria Tsiamtsouri
12:00	ES_O16	Nuria Tapia Ruiz
12:15	ES_O17	Yu Ren
12:30	Lunch & Poster Session 1	

Parallel 2 Session 3		
Theme	Energy and Sustainability	
Title	Fuel cells, batteries and solar cells	
14:15	ES_O23	Shin-Ichi Orimo
14:45	ES_O19	Simona Hunyadi Murph
15:00	ES_O20	Roland Faller
15:15	ES_O21	Samantha Hardman
15:30	ES_O22	Chuhong Zhang
15:45		Refreshments

Parallel 3 Session 2		
Theme	Life and Health	
Title	Biominerals and biomineralization	
10:00	LH_O10	Lia Addadi
10:30	LH_O11	Roland Kröger
10:45	LH_O12	Derk Joester
11:00		Refreshments
11:30	LH_O22	Serena Best
12:00	LH_O14	Maggie Cusack
12:30	Lunch & Poster Session 1	

Parallel 3 Session 3		
Theme	Life and Health	
Title	Non Classical Crystallization	
14:15	LH_O15	Nico Sommerdijk
14:45	LH_O16	Denis Gebauer
15:00	LH_O17	Hiroaki Imai
15:15	LH_O18	Helmut Cölfen
15:45		Refreshments

Parallel 4 Session 2		
Theme	Crystalline solids	
Title	Porous materials	
10:00	CS_O01	Joseph Hupp
10:30	CS_O02	William Morris
10:45	CS_O03	Seda Keskin
11:00		Refreshments
11:30	CS_O04	Russell Morris
11:45	CS_O05	Neil McKeown
12:00	CS_O06	Andrew Cooper
12:15	CS_O07	Arne Thomas
12:30	Lunch & Poster Session 1	

Parallel 4 Session 3		
Theme	Crystalline solids	
Title	Inorganic materials	
14:15	CS_O08	Juri Grin
14:45	CS_O09	Boniface Fokwa
15:00	CS_O10	Peter Dunne
15:15	CS_O11	Catherine Cropper
15:30	CS_O24	Judy Hart
15:45		Refreshments

Wednesday 6 July

Plenary 4		
Theme	Development of materials for organic electronics	
09:00	Plen04	Seth Marder

Parallel 1 Session 4		
Theme	Advanced Technologies and Nanomaterials	
Title	Photonics and solar cells	
10:00	ATN_O23	Rene Janssen
10:30	ATN_O29	Andrew Parnell
10:45	ATN_O25	Alan Dunbar
11:00	Refreshments	
11:30	ATN_O26	Mami Kitsuda
11:45	ATN_O27	Stephane Daniele
12:00	ATN_O28	Philip Drake
12:15	ATN_O24	Brian Saunders
12:30	Lunch & Poster Session 2	

Parallel 1 Session 5		
Theme	Advanced Technologies and Nanomaterials	
Title	Electronics and magnetics	
14:15	ATN_O30	Fred Wudl
14:45	ATN_O31	Sung Hyun Kim
15:00	ATN_O32	Maxwell Reinhardt
15:15	ATN_O33	Chi-Chang Lin
15:30	ATN_O34	Yan-Zhen Zheng
15:45	Refreshments	

Plenary 5		
Theme	Novel biomimetic "spiny" surfaces in medical applications	
16:15	Plen05	Joanna Aizenberg
17:15	Poster Session 2	
18:30	Close	

Conference Banquet (Tickets Required)	
19:30	Manchester Town Hall

Parallel 2 Session 4		
Theme	Soft Matter	
Title	Supramolecular systems and gels	
10:00	SM_O11	Oren Scherman
10:30	SM_O12	Sangita Roy
10:45	SM_O17	Dave Adams
11:00	Refreshments	
11:30	SM_O15	David Roberts
11:45	SM_O16	Gareth Lloyd
12:00	SM_O13	Feng Tian
12:15	Lunch & Poster Session 2	

Parallel 2 Session 5		
Theme	Soft Matter	
Title	Complex systems	
14:15	SM_O23	Frank Scheffold
14:45	SM_O19	Karen Edler
15:00	SM_O20	Jonathan Howse
15:15	SM_O21	Vesselin Paunov
15:30	SM_O22	Derk Joester
15:45	Refreshments	

Parallel 3 Session 4		
Theme	Life and Health	
Title	Biomaterials and biomimetics	
10:00	LH_O19	Molly Stevens
10:30	LH_O21	Brian Saunders
10:45	Refreshments	
11:30	LH_O13	Melinda Duer
12:00	LH_O23	Adrian Wright
12:15	LH_O24	Stuart Lowe
12:30	Lunch & Poster Session 2	

Parallel 3 Session 5		
Theme	Life and Health	
Title	Biomaterials and biomimetics	
14:15	LH_O25	Molly Shoichet
14:45	LH_O26	James Dugan
15:00	LH_O27	Ilari Filpponen
15:15	LH_O28	Kerstin Galler
15:45	Refreshments	

Parallel 4 Session 4		
Theme	Crystalline solids	
Title	Complex metal oxides	
10:00	CS_O12	Paolo Radaelli
10:30	CS_O13	Colin Greaves
10:45	CS_O14	Robert Palgrave
11:00	Refreshments	
11:30	CS_O15	Yuichi Shimakawa
12:00	CS_O17	Rob Brown
12:15	Lunch & Poster Session 2	

Parallel 4 Session 5		
Theme	Crystalline solids	
Title	Crystal growth	
14:15	CS_O18	Oliver Diwald
14:30	CS_O19	Giovanni Golemme
14:45	CS_O20	Heather Greer
15:00	CS_O21	Martin Attfield
15:15	CS_O22	Tom Hasell
15:30	CS_O23	James Jones
15:45	Refreshments	

Thursday 7 July

Parallel 1 Session 6		
Theme	Advanced Technologies and Nanomaterials	
Title	Nanoparticles and nanophases	
09:00	ATN_O11	Alberto Salleo
09:30	ATN_O38	Wolfgang Tremel
09:45	ATN_O37	Oliver Diwald
10:00	ATN_O39	Richard Walton
10:15	Refreshments	
11:00	ATN_O40	Jacob Becker
11:15	ATN_O41	Dominic Walsh
11:30	ATN_O42	Claus Feldmann

Plenary 6		
Theme	Graphene: Materials in the Flatland	
12:00	Plen06	Konstantin Novoselov

Chair's Summary		
13:00		Peter Budd

Parallel 2 Session 6		
Theme	Energy and Sustainability	
Title	Fuel Cells, Gas separations and storage	
09:00	ES_O18	John Varcoe
09:30	ES_O24	James Hanlon
09:45	ES_O25	Robert Dawson
10:00	ES_O26	Detlev Fritsch
10:15	ES_O27	Gabriele Clarizia
10:30	Refreshments	
11:00	ES_O28	Maria Giovanna Buonomenna
11:15	ES_O29	Christopher Mason
11:30	ES_O30	Alexandra Bushell

Parallel 3 Session 6		
Theme	Life and Health	
Title	Bio-inspired Crystallization	
09:00	LH_O29	Laurie Gower
09:30	LH_O30	Sarah Staniland
09:45	LH_O31	Stephen Eichhorn
10:00	LH_O32	Wolfgang Tremel
10:15	LH_O33	Stephanie Kelly
10:30	Refreshments	
11:00	LH_O34	John Harding
11:15	LH_O35	Takashi Kato

Parallel 4 Session 6		
Theme	Soft Matter	
Title	Complex systems	
09:00	ATN_O43	Zahoor Ahmad
09:15	ES_O31	Saskia Lindhoud
09:30	SM_O24	Robben Jaber
09:45	SM_O25	Simon Higgins
10:00	SM_O26	Roland Faller
10:15	SM_O27	Paola Carbone
10:30	Refreshments	
11:00	SM_O28	Shan Jiang
11:15	SM_O29	Steve Armes