

**Scientific Program**  
**Manchester International Symposium, 19<sup>th</sup> to 21<sup>st</sup> June 2019**  
“Highly Excited States, Many-body and Non-covalent Interactions”

**Local Organisers:**

Richard Henchman

Nick Lockyer

Aqsa Aziz (Co-ordinator)

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**International Advisory Board:**

Otto Dopfer, Berlin

Masaaki Fujii, Yokohama

Jingwei Guo, Dalian

Dan Neumark, Berkeley

Xin Tong, Wuhan

**Tuesday 18<sup>th</sup> June 2019, Pre-Symposium**

**2pm to 5pm**, guided tour to the Photon Science Institute and the Henry Royce Institute, University of Manchester

**Wednesday 19<sup>th</sup> June 2019**

Photon Science Institute, Alan Turing Building, 3<sup>rd</sup> floor Seminar Room

Poster set-up and preview: 10am to 1:30pm

Registration: 10am to 1:30pm, lunch: 12 noon to 1:30pm.

Chemistry Building, Lecture Theatre G.53:

**2pm to 5:30, Session A:      Noncovalent Interactions: A Challenge to Experiment and Theory**

Otto	Dopfer	Technische Universität Berlin, Germany, Chair
Pavel	Hobza	IOCB, Academy of Sciences of the Czech Republic, Prague
Yasuhiro	Ohshima	Tokyo Institute of Technology, Tokyo, Japan
Gert	von Helden	Fritz-Haber-Institut, Berlin, Germany
Shun-ichi	Ishiuchi	Tokyo Institute of Technology, Yokohama, Japan

Refreshment break

Masaaki	Fujii	Tokyo Institute of Technology, Yokohama, Japan, Chair
Sotiris	Xantheas	PNNL, Richland, WA, USA
Eberhardt	Riedle	Universität München, Germany
Lauri	Halonen	University of Helsinki, Finland

Photon Science Institute, Alan Turing Building, 3<sup>rd</sup> floor Seminar Room:

**6pm to 7:30, Poster session and reception**

8pm Dinner, 20 Stories

## Thursday 20<sup>th</sup> June 2019

All sessions in Manchester Institute for Biotechnology

8:30 am, refreshments and registration

MIB Lecture Theatre:

### 9am to 12:30, Session B: Photodetachment and Double Ionization

Tony	Stace	University of Nottingham, UK, Chair
Caroline	Dessent	University of York, UK
Lai-Sheng	Wang	Brown University, USA
Xuebin	Wang	PNNL, Richland, WA, USA
Helen	Fielding	University College London, UK

Refreshment Break

### Time-resolved Dynamics

Mats	Larsson	Stockholms Universitet, Sweden, Chair
Marc	Vrakking	Max-Born-Institut, Berlin, Germany
Frank	Stienkemeier	Universität Freiburg, Germany
Susanne	Ullrich	University of Georgia, Athens, USA

12:30 Lunch, MIB Concourse

### 2pm to 5:30pm, Session C: Time-resolved Dynamics (continued)

Dan	Neumark	University of California, Berkeley, USA
Kenta	Mizuse	Tokyo Institute of Technology, Tokyo, Japan
Kenji	Sakota	Osaka University, Japan
Alan	Cheung	University of Hong Kong

Refreshment Break

### Many-Body Interactions: Ultra-cold Plasma

Tim	Softley	University of Birmingham, UK, Chair
Ed	Grant	University of British Columbia, Vancouver, Canada
Kenji	Ohmori	Institute for Molecular Science, Okazaki, Japan
Clément	Hainaut	Universität Heidelberg, Germany
Tim	de Jongh	Radboud University, Nijmegen, Netherlands

6pm to 7:30, Poster session and reception, MIB concourse

8pm Dinner, Chinatown

## Friday 21<sup>st</sup> June 2019

All sessions in Manchester Institute for Biotechnology

8:30 am, refreshments

### 9am to 12:30, Session D: Photoionization and Highly-excited States

Ingo	Fischer	Universität Würzburg, Germany, Chair
Wen-Bih	Tzeng	Institute of Atomic and Molecular Sciences, Taipei, Taiwan
Richard	Tuckett	University of Birmingham, UK
Frédéric	Merkt	ETH Zürich, Switzerland
Chan Ho	Kwon	Kangwon National University, Chuncheon, Korea

Refreshment Break

### Advances for Spectroscopy

Ivan	Powis *	University of Nottingham, UK, Chair
Andrew	Orr-Ewing	University of Bristol, UK
Knut	Asmis	Universität Leipzig, Germany
Martin	Quack *	ETH Zürich, Switzerland

12:30 Lunch, MIB Concourse

### 2pm to 5:30, Session E: Transient Species

Paul	Dyson	EPF, Lausanne, Switzerland, Chair
Jingwei	Guo	Dalian Institute of Chemical Physics, Dalian, China
György	Tarczay	Eötvös University, Budapest, Hungary
Mike	Ashfold	University of Bristol, UK
Maurizio	Becucci	University of Florence, Italy

Refreshment Break

### Back to the Future: Theory and Experiment

Hiroshi	Sekiya	Kyushu University, Japan, Chair
Attila G.	Császár	Eötvös University, Budapest, Hungary
Xin	Tong	Wuhan Institute of Physics and Mathematics, China
Mike	Duncan	University of Georgia, Athens, USA

Closing Remarks

### 6pm to 7:30, Poster session and reception

8pm: Dinner, Indian in Curry Mile

One aim of the Symposium is to celebrate Klaus Muller-Dethlefs becoming Emeritus.

## Saturday 22<sup>nd</sup> June 2019

9:30 to 11:30am: Guided Tour of the University of Manchester Campus