



Theory meets experiment: molecular nanoscience and applications

1–3 June 2015, University College London, London, UK

<http://tmemna2015.iopconfs.org>

This three-day workshop will bring together experimentalists and theorists studying atomic and molecular scales structures on surfaces. The central theme of the workshop is the investigation of molecules on surfaces.

Key topics are expected to include:

- Individual atoms and molecules – and structures engineered from these – on metals, semiconductors, insulators and 2D materials
- Manipulation of the electronic and magnetic states of individual atoms and molecules through interactions with surfaces
- Molecular self-assembly and molecular surface functionalisation
- Molecule-based devices
- Novel imaging techniques (including tunnelling and force microscopies), spectroscopies and time-resolved measurements

One of the central objectives of the meeting is to promote cross-boundary discussions, especially at the experiment/theory and fundamental/applied interfaces. Time will be allocated to facilitate such discussions, including poster sessions, an exhibition and at social events.

Key dates

Abstract submission deadline:	27 March 2015
Early registration deadline:	30 April 2015
Registration deadline:	22 May 2015

Confirmed invited speakers

- Harald Brune (EPFL, Switzerland)
- Andrew Fisher (University College London, UK)
- Robert Hamers (University of Wisconsin-Madison, USA)
- Lev Kantorovich (Kings College London, UK)
- Mats Persson (University of Liverpool, UK)
- Damien Riedel (University of Paris-Sud, France)
- François Rochet (Pierre and Marie Curie University, France)
- Roberta Sessoli (University of Florence, Italy)
- Latha Venkataraman (Columbia University, USA)
- Ayelet Vilan (Weizmann Institute of Science, Israel)
- Jörg Zegenhagen (Diamond Light Source, UK)

Registration fees

Member	£170
Concessionary member	£95
Non-member	£270
Student non-member	£110

Conference chairs

- Cyrus Hirjibehedin (UCL)
- Steven Schofield (UCL)

Enquiries

For more information, visit the conference website

<http://tmemna2015.iopconfs.org> or e-mail conferences@iop.org