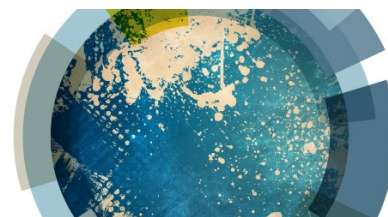


# Complex Molecular Surfaces and Interfaces

Faraday Discussion



**Monday 24 July**

11:00	Registration, Tea and Coffee	
12:00	Lunch	
12:45	<b>Welcome and Introductions</b> David Amabilino, <i>Chair of Scientific Committee</i>	
12:55	<b>Outline of Discussion Format</b> Ruth Zadik and Lynn Murphy, <i>Royal Society of Chemistry Publishing Editors</i>	
13:00	<b>Introductory Lecture</b> (Session Chair: Steven Tait) Rasmita Raval <i>University of Liverpool</i>	
	<b>Session 1: Supramolecular effects in self-assembled monolayers</b> (Session Chair: Trolle Linderöth)	
14:00	<b>A surprising way to control the charge transport in molecular electronics: the subtle impact of the coverage of self-assembled monolayers of floppy molecules adsorbed on metallic electrodes</b> Ioan Baldea <i>Heidelberg University</i>	<b>Paper 14005</b>
14:05	<b>Kinetic control in the temperature-dependent sequential growth of surface-confined supramolecular copolymers</b> Sabrina Engel, Daniel Spitzer, Leona Lucas Rodrigues, Eva-Corinna Fritz, David Straßburger, Monika Schönhoff, Bart Jan Ravoo and <u>Pol Besenius</u> <i>Johannes Gutenberg-Universität Mainz</i>	<b>Paper 13994</b>
14:10	<b>Supramolecular chiral self-assemblies of Gly-Pro dipeptides on metallic fcc(110) surfaces</b> C. Méthivier, H. Cruguel, C.-M. Pradier and Vincent Humblot <i>Laboratoire de Réactivité de surface, UMR CNRS 7197, UPMC</i>	<b>Paper 13934</b>
14:15	Discussion	
15:30	Afternoon tea	
16:00	<b>Pt-dipyridyl tetrazine metal-organic network on the Au(100) surface: insights from first principles calculations</b> Duy Le and <u>Talat S. Rahman</u> <i>University of Central Florida</i>	<b>Paper 13563</b>
16:05	<b>Probing the interplay between geometric and electronic structure in a K-TCNQ charge-transfer network</b> P. J. Blowey, L. A. Rochford, D. A. Duncan, D. A. Warr, T.-L. Lee, D. P. Woodruff and <u>Giovanni Costantini</u> <i>University of Warwick</i>	<b>Paper 13951</b>
16:10	<b>Self-assembly of a binodal metal-organic framework exhibiting a demi-regular lattice</b> Linghao Yan, Guowen Kuang, Qiushi Zhang, Xuesong Shang, Pei Nian Liu and <u>Nian Lin</u> <i>The Hong Kong University of Science and Technology</i>	<b>Paper 13562</b>
16:15	Discussion	
17:30	Lightning presentations (by invitation of the scientific committee)	
18:00	Poster Session and Wine Reception	

**Tuesday 25 July**

	<b>Session 2: Supramolecular systems at liquid-solid interfaces</b> (Session Chair: Neil Champness)	
09:00	<b>Physical and chemical model of ion stability and movement within the dynamic and voltage-gated STM tip-surface tunneling junction</b> Brandon E. Hirsch, Kevin McDonald, Steven L. Tait and <u>Amar H. Flood</u> <i>Indiana University</i>	<b>Paper 13565</b>
09:05	<b>Sequential nested assembly at the liquid/ solid interface</b> Baharan Karamzadeh, Thomas Eaton, David Torres, Izabela Cebula, Marcel Mayor and <u>Manfred Buck</u> <i>University of St Andrews</i>	<b>Paper 13956</b>
09:10	<b>Molecular self-assembly of substituted terephthalic acids at the liquid/solid interface: investigating the effect of solvent</b> A. Della Pia, D. Luo, R. Blackwell, G. Costantini and <u>Natalia Martsinovich</u> <i>University of Sheffield</i>	<b>Paper 13955</b>
09:15	Discussion	
10:30	Morning Tea	
11:00	<b>Transfer of chiral information from a chiral solvent to a two-dimensional network</b> Iris Destoop, Andrea Minoia, Oleksandr Ivasenko, Aya Noguchi, Kazukuni Tahara, Yoshito Tobe, Roberto Lazzaroni and <u>Steven De Feyter</u> <i>KU Leuven</i>	<b>Paper 13564</b>
11:05	<b>Peptide binding to metal oxide nanoparticles</b> <u>Sebastian Schwaminger</u> , Silvia Blank-Shim, Isabell Scheifele, Paula Fraga-García and Sonja Berensmeier <i>Technical University of Munich</i>	<b>Paper 13995</b>
11:10	<b>Elucidating “screw dislocation”-driven film formation of sodium thiosulphate with complex hierarchical molecular assembly</b> Deepak Dwivedi, <u>Katerina Lepkova</u> , Thomas Becker and Matthew Rowles <i>Curtin University</i>	<b>Paper 13948</b>
11:15	Discussion	
12:30	Lunch	
	<b>Session 3 Preparing macromolecular systems on surfaces</b> (Session Chair: Claire-Marie Pradier)	
13:30	<b>A new on-surface synthetic pathway to 5-armchair graphene nanoribbons on Cu(111) surfaces</b> Kewei Sun, Penghui Ji, Haiming Zhang, Kaifeng Niu, Ling Li, AiXi Chen, Qing Li, Klaus Müllen and <u>Lifeng Chi</u> <i>Soochow University</i>	<b>Paper 13566</b>
13:35	<b>Surface Induced Crystallization of Polymeric Nano-particles: Effect of Surface Roughness</b> <u>Ahmad Jabbarzadeh</u> and Xin Chen <i>The University of Sydney</i>	<b>Paper 13936</b>
13:40	<b>What can be inferred from moiré patterns? A case study of trimesic acid monolayers on graphite</b>	<b>Paper 13567</b>

	Saskia Spitzer, Oliver Helmle, Oliver Ochs, Josh Horsley, Natalia Martsinovich, Wolfgang M. Heckl, and <u>Markus Lackinger</u> <i>Technische Universität München</i>	
13:45	Discussion	
15:00	Afternoon Tea	
15:30	<b>The Influence of Nearest-Neighbour Interactions and Assembly Dynamics on the Transport Properties of Porphyrin Supramolecular Assemblies on Au(111)</b> Alison A. Pawlicki, Ayelet Vilan, Matthew Jurow, Charles M. Drain and James D Batteas <i>Texas A. &amp; M. University</i>	<b>Paper 13993</b>
15:35	<b>The culture of HaCaT cells on liquid substrates is mediated by a mechanically strong liquid-liquid interface</b> D. Kong, K. D. Q. Nguyen, W. Megone, L. Peng and <u>Julien Gautrot</u> <i>Queen Mary University of London</i>	<b>Paper 13576</b>
15:40	<b>Surface-Bound Quadruple H-bonded Dimers: Formation and Exchange Kinetics</b> <u>Zuñihof, Han</u> ; Gahtory, Digvijay; Sen, Rickdeb; Smulders, Maarten <i>Laboratory of Organic Chemistry, Wageningen University and Research</i>	<b>Paper 13559</b>
15:45	Discussion	
17:00	Close of sessions	
18:30	Pre-Dinner Drinks	
19:00	Conference Dinner	

### Wednesday 26 July

	<b>Session 4 Probing properties of molecule-based interface systems</b> (Session Chair: Rob Jones )	
09:00	<b>Generic Nature of Long-Range Repulsion Mechanism on a Bulk Insulator?</b> J. L. Neff, A. Richter, H. Söngen, C. Venturini, A. Gourdon, R. Bechstein and <u>Angelika Kühnle</u> <i>Johannes Gutenberg Universität Mainz</i>	<b>Paper 13568</b>
09:05	<b>Erecting buckybowls onto their edge: 2D self-assembly of terphenylcorannulene on the Cu(111) surface</b> Quirin S. Stöckl, Tsun-Cheng Wu, Anaís Mairena, Yao-Ting Wu and <u>Karl-Heinz Ernst</u> <i>EMPA</i>	<b>Paper 13561</b>
09:10	<b>Exploring Catalyst Passivation with NMR Relaxation</b> <u>Neil Robinson</u> , Lynn F. Gladden and Carmine D'Agostino <i>Department of Chemical Engineering and Biotechnology, University of Cambridge</i>	<b>Paper 13942</b>
09:15	Discussion	
10:30	Morning Tea	
11:00	<b>The role of halogens in on-surface Ullmann polymerization</b> Gianluca Galeotti, Marco Di Giovannantonio, Josh Lipton-Duffin, Maryam Ebrahimi, Stefano Tebi, Alberto Verdini, Luca Floreano, Yannick Fagot-Revurat, Dmitrii F. Perepichka, <u>Federico Rosei</u> <i>Centre Énergie Matériaux Télécommunications, INRS</i>	<b>Paper 13869</b>
11:05	<b>The dynamics of benzene on Cu(111): a combined helium spin echo and dispersion-corrected DFT study into the diffusion of physisorbed aromatics on metal surfaces</b> <u>Marco Sacchi</u> , P. Singh, D. M. Chisnall, D. J. Ward, A. P. Jardine, W.	<b>Paper 13954</b>

	Allison, J. Ellis and H. Hedgeland <i>University of Surrey</i>	
11:10	Discussion	
12:25	<b>Concluding Remarks Lecture</b>	
13:05	<b>Acknowledgements</b>	
13:10	<b>Close of meeting and Lunch</b>	

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.