

17th April	Registration	12:00	Registration	
	Lunch	12:30	Opening Lunch	Lunch provided on arrival
	Session		Speaker	Title
	Welcome	13:30	Glen West	Welcome from the conference chair
	Session 1	13:40	Keith Butler	Designing interfaces for energy materials: atomistic modelling, chemical heuristics and machine learning
		14:10	Ricardo Grau-Crespo	Combined theoretical-experimental investigation of metal-based interfaces: from catalysts to nanofluids
		14:40	Connor Fields	Vibronic coupling in N <sub>2</sub> @C60: Where gas phase meets solid state
		15:00	Samuel Jarvis	Extrinsic activation of 2D polymerization on inert surfaces using atomic clusters
		15:20	Boyao Liu	Resolving phonon dissipation processes through ultrahigh resolution lifetime measurements
		15:30	Coffee Break	
	Session 2	16:00	David Duncan	Pervasive alloy anchoring silicene to silver
		16:30	Jürgen Weippert	Pyramidal microstructures with NV- rich layers on heteroepitaxially grown diamond
		16:50	Tom Flavell	Studying the mechanism of self-healing in hydrogel-lead halide perovskite composites using X-ray photoelectron spectroscopy
		17:10	Karen Syres	Near Ambient Pressure XPS and NEXAFS Studies of CO <sub>2</sub> Absorption in Ionic Liquids
		17:30	Kejian Hou	A NAP-XPS and NEXAFS study of amino acids on rutile TiO <sub>2</sub> (110) single crystal surface by using a new depositing method
Close	17:50	Presentation sessions close		
		IoP TFSG AGM		
	18:00-20:00	Exhibition and poster session	Industrial exhibition and poster session with drinks and canapes	

18th April		08:30	Morning coffee and late registration	Refreshments provided
	Session		Speaker	Title
	Session 3	09:00	Quentin Ramasse	Recent Progress in High-Resolution Electron Energy Loss Spectroscopy in the Scanning Transmission Electron Microscope
		09:30	Mark Baker	Argon Monatomic and Gas Cluster Ion Beam XPS Depth Profiling of Metal Oxides and GaAs: Experimental and Modelling Studies
		10:00	Pierre Hirchenhahn	Mass spectrometry to investigate crystallinity of OLED molecules: a novel application of ToF-SIMS measurements
		10:20	Sam Lambrick	High resolution surface dynamics, phonon characterisation and imaging with neutral atoms
		10:40	Edward Dunn	Identifying point defects in transition metal dichalcogenides with 'true' atomic resolution
		11:00	Coffee Break	
	Session 4	11:20	Manfred Buck	Getting to the bottom: Molecular Self-Assemblies at Surfaces
		11:50	Clotilde Cucinotta	Towards a Realistic Modelling of Electrified Interfaces the Nanoscale
		12:20	Mr Kacper Polus	Understanding Functionalised Carbon Electrocatalysts for Oxygen Reduction Reaction

	12:40	Matthew Snelgrove	Electrochemical Atomic Layer Deposition of CdS on Au –Developing a precise and economic growth mechanism for ultrathin crystalline films
	13:00	Lunch	
Session 5	14:00	Brian Kiraly	A Quantum Simulator to Emulate Molecular Structure
	14:30	Marco Sacchi	Molecular Diffusion, Reaction and Self-Assembly on 2D Materials: a First-Principles Perspective
	15:00	Robert Temperton	Recent advances in ambient pressure XPS for better understanding catalytic interfaces
	15:20	Alex Saywell	Cyclodehydrogenation and self-metalation of tetraphenyl
	15:40	Coffee Break	
Session 6	16:00	Rosa Arrigo	In situ Soft X-ray spectroscopic characterization for electrocatalysis
	16:30	Archie Hobson	A Surface X-Ray Diffraction study of F4TCNQ on Ag(100) and Ag(111)
	16:50	Adel Sarolta Racz	Tungsten carbide-rich coating layers produced by noble gas ion mixing
	17:10	Sessions close	
	19:00	Conference Dinner	Midland Hotel

	08:30	Morning coffee and late registration	Refreshments provided
19th April		Speaker	Title
Session 7	09:00	David Grinter	VerSoX B07-B: A High-Throughput XPS and Ambient Pressure NEXAFS Beamline for Surface and Interface Studies of Gases, Liquids and Solids
	09:30	Jaspreet Kainth	Building blocks for graphene-based electronics
	10:00	Matthew Stoodley	Temperature controlled inclusion of topological defects in graphene films on Cu(111)
	10:20	Claus Kastorp	Hydrogen structures on bilayer graphene on Ir(111)
	10:40	Filipe Junqueira	Adding a dimension to atom-by-atom assembly
	11:00	Coffee Break	
Session 8	11:20	Mohammed Azzouzi	Impact of the interfacial state's properties on organic solar cell performance
	11:50	Alan Bowman	Combining photoluminescence and first principals modelling to probe the nanoscale in solar cells and photoelectrochemistry
	12:20	Isaac Noman	Flexible Binary Photonic Glass incorporating Colloidal Quantum Dot Supraparticle Lasers
	12:40	Ewan Scougall	Manipulating the potential energy landscape experienced by a lithium atom enclosed in a fullerene cage
	13:00	Final lunch and close of conference	
	14:00	End of Conference - possibly offer tour of Fuel Cell Centre for those who have late travel plans	