



UK Surface Analysis Forum

www.uksaf.org

UKSAF Summer Meeting 2019 – University of Nottingham *‘At Both Ends of the Spectrum’*

Programme

Wednesday 10th July 2019

9:00 – 9:30	Registration – Coffee/Tea
9:30 – 9:45	Welcome & Introduction David Scurr, UKSAF Chairman Andrei Khlobystov, nmRC, University of Nottingham Morgan Alexander, School of Pharmacy, University of Nottingham
9:45 - 10:10	<i>"Four Decades of Boron in Silicon: a personal journey through dynamic SIMS from the 1980s to the present day"</i> Dave Sykes (Loughborough Surface Analysis, UK)
10:10 - 10:35	<i>"The Auger parameter at 45 – a pragmatic tool with a deeper meaning"</i> Jim Castle (University of Surrey, UK)
10:35 - 11:00	Coffee/Tea
11:00 – 11:25	<i>"Non-destructive depth profiling of functional materials - towards rapid lab-based HAXPES"</i> Wendy Flavell (University of Manchester, UK)
11:25 – 11:50	<i>"Depth profiling of organic electronic devices using the 3D OrbiSIMS"</i> Rasmus Havelund (National Physical Laboratory, UK)
11:50 - 12:10	Annual General Meeting
12:10 - 13:25	Lunch, Posters + Tours
13:25 - 13:45	YSA Competition
13:45 - 14:10	<i>"At the low mass end of the spectrum: Imaging hydrogen (deuterium) at microstructurally relevant scales in steel, nickel and zirconium alloys."</i> Katie Moore (University of Manchester, UK)
14:10 - 14:50	Vendor Session 1 Hiden Analytical Ltd, Ionoptika Ltd, S A I Ltd & Scienta Omicron GmbH

14:50 - 15:15	Coffee/Tea
15:15 - 15:40	<i>"XPS studies of energy-related surfaces under ambient conditions"</i> James O'Shea (University of Nottingham, UK)
15:40 - 16:10	Vendor Session 2 SPECS Surface Nano Analysis GmbH, IONTOF GmbH, Scanwel Ltd
16:10 - 16:35	<i>"Characterisation of Biological Materials by Imaging SIMS"</i> John Fletcher (University of Gothenburg, Sweden)
16:35 - 16:45	YSA Results & Close of day 1
18:30	Conference Dinner at Wollaton Hall

Thurs. 11th July 2019

9:30 - 10:00	Registration – Coffee/Tea
10:00 - 10:15	Welcome & Introduction David Scurr, UKSAF Chairman
10:15 - 10:40	<i>"40 years of Surface Chemistry"</i> Albert Carley (Cardiff University, UK)
10:40 - 11:05	<i>"Novel Insights into Next Generation Battery Materials by ToF-SIMS and XPS"</i> Marcus Rohnke (University of Giessen, Germany)
11:05 - 11:30	Coffee/Tea
11:30 - 12:00	Vendor Session 3 Loughborough Surface Analysis Ltd, Kratos Analytical Ltd & Thermo Fisher Scientific
12:00 - 12:25	<i>"Game changers in the mass spectrometry toolbox"</i> Rian Griffiths (University of Nottingham, UK)
12:25 - 12:50	<i>"Improved topical delivery of ascorbic acid to human stratum corneum: assessment using imaging mass spectrometry"</i> Jatin Mistry (University of Nottingham, UK)
12:50 - 13:15	<i>"Large argon clusters: from SIMS to nanomechanics and soft molecular transfer"</i> Arnaud Delcorte (University of Leuven, Belgium)
13:15 - 14:30	Close of Meeting, Lunch