

Emerging Separations Technologies

Thursday 26th March 2015

RSC Burlington House, Piccadilly London, W1J 0BA, UK

Organised by **The Chromatographic Society and the Separation Science Group**
of the Analytical Division of the Royal Society of Chemistry

The Chromatographic Society and Separation Science Group of the Royal Society of Chemistry are pleased to announce a one day meeting entitled "Emerging Separations Technologies" at RSC Burlington House, London, UK.



The meeting will provide an insight into the latest innovations in column technologies, instrument technologies and novel applications and utilisation in life sciences. The program is designed to cover a range of highly interesting topics (e.g. multidimensional chromatography, SFC, new detectors, including MS, etc...) from highly regarded international speakers and new emerging professionals.

As a result of the confirmed speakers for this low-cost meeting and the exhibition and vendor presentation programme, we believe this will be a highly interesting and well attended event. Emerging Separations Technologies provides you with a unique means of discussing the very latest instrumentation and applications and sharing experiences with other professionals and will also provide excellent networking opportunities. For more information on the meeting programme or for exhibiting opportunities please visit The Chromatographic Society website www.chromsoc.com and RSC website <http://www.rsc.org/ConferencesAndEvents/>.

Emerging Separations Technologies– Topics & Speakers

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| 9:00- 9:40 | Registration, Coffee and Exhibition |
| 9.40 | Opening and Welcome <i>Dr Adrian Clarke, The Chromatographic Society/Novartis Pharma AG, Basel, Switzerland.</i> |
| 9:40-10:20 | Current status and novel developments in multi-dimensional chromatography <i>Prof. Peter Schoenmakers, University of Amsterdam, Van 't Hoff Institute for Molecular Sciences.</i> |
| 10:20-11:00 | Comprehensive 2D GC combined with novel MS instrumentation: powerful unified tools for the analysis of complex samples <i>Prof. Luigi Mondello, University of Messina, Italy (sponsored by Shimadzu)</i> |
| 11:00-11:30 | High Resolution Impurity Profiling using Multiple Heart-Cutting 2D-LC <i>Dr. Monika Dittmann, Agilent Technologies GmbH, Waldbronn, Germany.</i> |
| 11:30-12:00 | Innovations in UHPLC and multi-dimensional chromatography <i>Dr. Ken Cook, ThermoFisher Scientific, UK.</i> |
| Exhibition, Lunch and Vendor Workshop 12:00 – 13:30 | |
| 12:40:-13:20 | Vendor Workshop: Method development using alternative stationary phase and chromatographic modes. <i>Dr David Bell, Sigma-Aldrich/Supelco.</i> |
| Session 3 13:30-15:00 | |
| 13:30-14:00 | The ACQUITY QDa Mass Detector and Applications in Small Molecule and Peptide Chromatographic Analysis <i>Dr Stephanie Harden, Waters, Switzerland.</i> |
| 14:00-14:30 | Developments and the application of SFC in life sciences <i>Dr Davy Guillarme, University of Geneva/University of Lausanne, Analytical Pharmaceutical Chemistry.</i> |
| 14:30-15:00 | Application of State of the art hyphenated techniques in Phenome research. <i>Dr Matthew Lewis, MRC-NIHR Phenome Centre, London.</i> |
| Coffee and Exhibition 15:00-15:20 | |
| 15:20-15:50 | Active modulation in comprehensive LCxLC. <i>Dr Andreas Gargano, University of Amsterdam, Van 't Hoff Institute for Molecular Sciences.</i> |
| 15:50-16:20 | Column technology: current status – looking forward, blue sky, novel developments. <i>Dr David Bell, Sigma-Aldrich/Supelco, Bellefonte, Pennsylvania, USA.</i> |
| 16:20-17:00 | Separations without Silica <i>Prof. Peter Myers, University of Liverpool, Department of Chemistry.</i> |
| 17:00 | Close of meeting <i>Dr John Langley, RSC SSG/University of Southampton.</i> |

An Instrument Exhibition with representatives from several major hardware and consumables Suppliers will be run in parallel to the meeting.

Registration Fee: All Sessions, Exhibition, and Lunch

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| Members of either The Chromatographic Society, RSC or BMSS (ChromSoc/BMSS members register as non-member & enter Promotional Code: 15SSC-EST-BH) | £70 |
| Non Members | £100 |
| Students*, unemployed and retired | £25 |

*Student bursaries are available from the RSC & The Chromatographic Society - please contact: John Lough (john.lough@sunderland.ac.uk) for more details, requirements and an application form.

Registration will be available at the RSC website: <https://events.rsc.org/rsc/583/register>

For more information on the meeting please visit the Chromatographic Society website www.chromsoc.com and RSC website <http://www.rsc.org/ConferencesAndEvents/>