



Emerging Separations Technologies (2019)

Thursday 28th March 2019
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 "Emerging Separations Technologies 2019", with a full and exciting topic and speakers program. The one day meeting will again be held at RSC Burlington House, London, UK, and will facilitate delegate and exhibitor access to a wide range of scientists.

The meeting will provide an insight into the latest innovations in the field of separation sciences, including instrument and column technologies, novel applications and utilisation in life sciences. The program is designed to cover a range of topics including: multidimensional chromatography, hyphenated techniques including MS and IMS-based techniques, column technology, SFC, modelling software and their application in profiling and characterisation applications, specifically for complex samples.

Emerging Separations Technologies provides you with a unique means of sharing real experiences with other professionals and will provide excellent networking opportunities. The program is being designed to give attendees a range of highly interesting topics from highly regarded international speakers and new emerging professionals. As a result of the speakers invited to this meeting, the exhibition and vendor presentation programme, we believe this event will be both thought-provoking and well attended.

For further information on the meeting, submission of abstracts, sponsorship or payment details email: adrian.clarke@novartis.com

<http://www.chromsoc.com/chromsocevents>
@ChromSoc
<http://www.rsc.org/events>

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Event Programme

09:00-09:30	Coffee and registration
09:30-09:35	Introduction and Welcome <i>Dr Adrian Clarke (on behalf of ChromSoc & RSC Separation Science Group, Novartis Pharma AG, Basel, Switzerland)</i>
09:35-10:15	Current status and novel developments in multi-dimensional chromatography: separation challenges posed by complex samples <i>Prof. Peter Schoenmakers (University of Amsterdam, the Netherlands)</i>
10:15-10:50	Multi-dimensional Separations in 3D-printed devices. <i>Noor Abdulhussain (University of Amsterdam, the Netherlands)</i>
Coffee, exhibition and posters	
11:10-11:50	Novel separation methods of polynucleotides <i>Dr Eivor Örnkvist (Advanced Drug Delivery, Pharmaceutical Sciences, IMED Biotech Unit, AstraZeneca, Gothenburg, Sweden)</i>
11:50-12:25	Metrology for Mass Spectrometry Imaging in Life Sciences Research <i>Dr Efstathios Elia, NPL, UK</i>
12:25-12:45	A novel LC-MS approach for enhancing protein separations with improved MS sensitivity <i>Nick Pittman, Waters, Biopharma Specialist UK & Ireland</i>
Lunch, exhibition and posters	
14:00-14:20	New Paradigms in Liquid Chromatography Separation Efficiency <i>Dr. Timothy Cross, Thermo Fisher Scientific, Hemel Hempstead, UK</i>
14:20-14:40	New developments in SFC and future concepts. Agilent <i>Shaun Pritchard, Agilent, Cheshire, UK</i>
14:40-15:20	Approaches for the characterization and analysis of advanced drug delivery systems/formulations <i>Dr Kevin Treacher, Pharmaceutical Technology & Development, AstraZeneca Macclesfield UK</i>
Coffee, exhibition and posters	
15:45-16:15	Vacuum ultraviolet detection in gas chromatography; what are the perspectives with this new detector? <i>Ben Baars, VUV Analytics, The Netherlands</i>
16:15-16:55	Breath Biopsy: Development of technology and workflows for metabolite profiling of human breath <i>Dr Aditya Malkar (Product Specialist, Owlstone Medical Ltd)</i>
16:55-17:00	Close of meeting <i>Dr Sam Whitmarsh, RSC SSG/BP UK.</i>

Registration Fees

- | | |
|---|-------------|
| • RSC members | £80 |
| • discount codes: RSC members enter membership number. | |
| • Chromatographic Society or BMSS members | £80 |
| • discount codes: ChromSoc & BMSS members use 19CRBM9 | |
| • Non-members | £120 |
| • Students, unemployed and retired discount code 19RETEN7) | £40 |
| • discount codes: 19RETEN7 | |

Registration link:

<http://www.rsc.org/events/detail/37618/emerging-separations-technologies>

Bursaries

ChromSoc student bursaries are available for this event

For further details, please visit <https://chromsoc.com/student-bursaries/>

Transport and Access Information

Venue Information

The conference venue is **RSC Burlington House**, Piccadilly, London, W1J 0BA. Tel: +44 (0) 20 7440 3352.

Presentations are in the 1st floor Library & the exhibitors and catering are in the adjoining coffee area and Council and Hinshelwood rooms.

For more information, visit: <http://www.rsc.org/locations-contacts/venue-hire/>

Travel information

By rail, underground (tube), and bus:

There are regular underground and bus services that link Burlington House with the main railway stations in London. Burlington House is minutes away from both **Piccadilly Circus** and **Green Park** underground stations.

Website: <http://www.tfl.gov.uk/gettingaround/1106.aspx>

Standard Tube map: www.tfl.gov.uk/assets/downloads/standard-tube-map.pdf

<http://www.chromsoc.com/chromsocevents>

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For more information about buses and tubes, please call Transport for London on 0843 222 1234 (24 hours) or visit the Transport for London website (<http://www.tfl.gov.uk/>).

London city centre is served by multiple railway stations with direct access to several international airports and major UK cities and towns. For more information on train links, call National Rail Enquiries on 08457 484950 or visit the National Rail website: (<http://www.nationalrail.co.uk/>)

By bus:

The following buses stop directly outside at Old Bond Street Royal Academy near Burlington House: 14, 19, 22, 38, N19, N22, N38 and N97. Alternatively, Piccadilly Circus is less than 500 metres away from Burlington House, and is served by the following buses 6, 12, 13, 23, 139, N13, N18 and N113.

By air:

Each of London's five main airports (Heathrow, Gatwick, City, Luton or Stansted) have direct train links to major London stations, from which Burlington House can be reached using the underground.

By car:

Parking is very limited and Burlington House is in the Congestion Charging zone so please use public transport whenever possible.
(<http://www.tfl.gov.uk/roadusers/congestioncharging/default.aspx>)

Car parks – disabled parking and short-term parking for attendees being dropped off at the venue. The disabled parking is available on a first come, first served basis. There are car parks nearby, about a 2-5 minute walk from the venue. Charges are displayed at the entrance.

Q-Park Burlington Street
<https://www.q-park.co.uk/en-gb/cities/london/burlington/>
3-9 Old Burlington Street,
London W1S 3AF,
020 7494 3889

Titan Car Park
Leicester Square Car Park
39-41 Whitcomb St,
London
WC2H 7DT,
020 7839 5858
<http://www.titanparking.co.uk/>

For further information on the meeting, submission or abstracts, sponsorship or payment details email:
adrian.clarke@novartis.com or Samuel.Whitmarsh@uk.bp.com

Further information is also available at:

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