**Latest Advances in the Analysis of Complex Environmental Matrices**

Royal Society of Chemistry

Environmental Chemistry Group, Separation Science Group and Water Science Forum Joint Meeting

Event and registration details

**Friday, 22nd February 2019**

at

**Royal Society of Chemistry, Burlington House, Piccadilly, LONDON, W1J 0BA**

9.00-9.40 am *Registration and coffee*

9.40-9.45 am **Opening and welcome to meeting**

Dr Roger Reeve *RSC* *Environmental Chemistry Group, UK*

9.45-10.15 am **Mixing high-resolution chemical analysis and machine learning in ecotoxicology for aquatic invertebrates**

 Dr Leon Barron *King's College London, UK*

10.15-10.45 am **Enhanced confidence in river quality monitoring using passive sampling and GCxGC-ToF- MS with tandem ionisation**

Dr Laura McGregor*SepSolve Analytical Ltd, UK*

*10.45-11.15 am Coffee break*

 Late morning session chair **Dr Lee Williams** *University of Sunderland, Sunderland, UK*

11.15-11.45 pm **Micro- and nano-plastic pollution of freshwater and wastewater treatment systems**

Dr Caroline Gauchotte Lindsay *University of Glasgow, Glasgow, UK*

11.45-12.15 pm **Exploring the advantages of automated sample preparation and GC-ToF for SVOC and pesticide analysis in environmental waters**

Dr John Quick *ALS Environmental Ltd, UK*

12.15-1.00 pm ***Keynote lecture***

 **Environmental cheminformatics to identify unknown chemicals and their effects**

Dr Emma Schymanski *University of Luxemburg, Luxemburg*

*1.00-2.15 pm Lunch break and vendors’ exhibition*

Afternoonsession chair **Prof. Graham Mills** *University of Portsmouth, Portsmouth, UK*

2.15-3.00 pm **Temporal and spatial variation in pharmaceutical concentrations in an urban river system**

Prof. Alistair Boxall *University of York, York, UK*

3.00-3.30 pm **GCxGC-ToF for remote monitoring - Cape Verde Atmospheric Observatory (CVAO)**

Dr Katie Read *University of York, York, UK*

3.30-4.00 pm **Liquid chromatography/quadrupole time-of-flight mass spectrometry screening of polar pollutants sequestered by passive sampling devices at the river catchment scale**

Prof Gary Fones *University of Portsmouth, Portsmouth, UK*

4.00-4.30 pm **Use of ion chromatography with mass spectrometry for the measurement of problematic herbicides in water water**

 Ms Wai-Chi Man *Thermo Fisher Scientific, Hemel Hempstead, UK*

4.30 pm **Final questions and meeting close**

Dr Lee Williams  *University of Sunderland, Sunderland, UK*

**Members** £90.00 (and of BMSS or Chromatographic Society, discount code needed)

**Non-members** £120.00

**Students RSC members, retired members and unwaged (discount code needed)** £25.00, Students, non-members £35.00

**Discount codes**

BMS and Chromatographic Society members 19BMC14

Retired/ unwaged 19RU22

**Registration**:

<http://www.rsc.org/events/detail/36535/latest-advances-in-the-analysis-of-complex-environmental-matrices>

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