

# ChromSoc

The Chromatographic Society - founded 1956

## Recent Advances in Gas Chromatography

Tuesday 30<sup>th</sup> September 2025

Science and Industry Museum, Manchester



What is now and what is next for Gas Chromatography

This meeting will take hold of past developments, present on recent advances and provide a looking glass into what the future holds for GC. As always, the Recent Advances in GC meeting will encompass advancements in automation, new sample introduction techniques, the latest instrumentation and the developments in Artificial Intelligence to deal with difficult sample matrices, challenging separations and lower detection limits.

To register please follow the link below:

[Registration Form - Registration](#)

***Co-organised by Tony Taylor and Dan Carrier***

[www.chromsoc.com](http://www.chromsoc.com)

**9.30- 9.40 am Introduction – Past Present & Future of GC**

Dan Carrier, Da Vinci Laboratory Solutions, Cambridge

Tony Taylor, Element, Strathaven

**9.40- 10.10 am High-Performance, web-based Computer Modelling Tools to Simulate Gas Chromatographic and Liquid Chromatographic Separations using Artificial Intelligence.**

Jaap de zeeuw, CreaVisions

**10.10 – 10:50 am Coffee break and Exhibition**

**11.50 -11.20 am Trace Analysis of Nitrosamine amine precursors by GC-MS and GC–VUV**

Sam Whitmarsh, CatSci, Cardiff

**11.20-11.50 pm GCGC-QTOF – All that Data**

Paul O’Nion, RSSL, Reading

**11.50 -12.20 GC-MS Steroid Profiling, Past Lessons, Present Practice and Future Horizons**

Angela Taylor, University of Birmingham

**12.20 – 1.30 pm Lunch and Exhibition**

**1.30-1.45 pm**

**Increased productivity in an environmental way by utilising the new 8850 by Agilent**

Bryan White, Agilent, Cheadle

**1.45-2.00 pm**

**New Advances in Automation**

Marco Wolff, Gerstel, Germany

**2.00- 2.30 pm New dimensions in the non-targeted screening of complex samples and software assisted identification of discriminatory compounds**

Geraint Morgan, University of Southampton

**2.30- 3.00 pm The use of statistics in GC – from Design of Experiment to Data Analysis**

Kathy Ridgway, Da Vinci Laboratory Solutions, Cambridge

**3.00 – 3.40 pm Coffee and Exhibition**

**3.40- 3.55 pm Gas Analysis and Reactor Monitoring: Old Challenges and New Technology**

Andrew Cissold, Shimadzu, Milton Keynes

**3.55 – 4.25 pm Sustainable GC Innovation: Paving the Way for Unified Plastics Analysis**

Ruth Godfrey, Swansea University

**Closing remarks Tony Taylor, Element, Strathaven**

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