

# ANALYTICAL MATTERS

ISSUE 14 – WINTER EDITION 2020

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Welcome to the fourteenth issue of Analytical Matters, the e-newsletter of the Analytical Division of the Royal Society of Chemistry (RSC). Analytical Matters aims to showcase the wide range of analytical science activities being run across the Royal Society of Chemistry Analytical Division as well as linking with parts of the UK analytical community beyond our membership.

I want to start by stating how important our analytical community is - both nationally and internationally. Science knows no borders, and our community will always be strengthened by our ability to collaborate with colleagues across the globe. To this end, in this issue we highlight the range of scientific meeting grants and travel grants that we have supported throughout 2019, enabling our analytical membership to build relationships and disseminate their research.

We also wish to highlight the 2020 #RSCPoster Twitter Poster Conference, a conference like no other, where researchers around the world come together to celebrate and learn about exceptional research. Please join us on the 3<sup>rd</sup> March 2020, using the hashtags #RSCPoster and #RSCAnalytical. Registration for the event can be found [here](#).

Elections to join the Analytical Division Council (Honorary Secretary and two elected positions) are open until the 7<sup>th</sup> February. [Join us](#) and help make a difference in the analytical community.

Thank you to everyone that has nominated the exceptional analytical

Please send your feedback and any content for the next issue by April 30

<sup>th</sup> by emailing [UPCOMING EVENTS](#)



## JOIN US!

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### Opportunities to join Analytical Division Council

We are currently accepting nominations for an Honorary Secretary and two Elected Members of Analytical Division Council to take office from the AGM in July 2020, for a three-year term, until the AGM in July 2023.

Analytical Division Council Members provide oversight and leadership to the Division to ensure it is fulfilling its purpose of encouraging, assisting and extending the knowledge and study of analytical science.

Honorary Secretary and Elected Members of Analytical Division Council are also expected to act as a Trustee of the Analytical Chemistry Trust Fund, which includes attending trustee meetings three times a year.

Further Information about the nomination process, the electoral regulations and full role descriptors are available online at: <https://www.mi-nomination.com/rsc>.

Nominations close at 5 pm on Friday 7th February

If you have any questions about the roles or the work of the Analytical Division, please do not hesitate to contact [analyticalmatters@rsc.org](mailto:analyticalmatters@rsc.org)

## ANALYTICAL DIVISION EVENTS

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### Analytical Research Forum 2020

16 June 2020, London, United Kingdom

This flagship event of the Analytical Division will showcase cutting-edge analytical chemistry and applications to stimulate new research, collaboration and engagement between academia and industry.

Don't miss out on your chance to showcase your latest research alongside our invited speakers: Amilra de Silva (Queen's University Belfast), Caroline Gauchotte-Lindsay (University of Glasgow) and Nick Stone (University of Exeter).

Get involved and [submit your abstract today](#):

Oral Abstract deadline is fast approaching – 24 February 2020

Poster abstract submission deadline - 13 April 2020

ACTF travel bursaries are available to students and members in the early stages of their career to attend the Analytical Research Forum.

Further details available on the [event webpage](#).

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### Measuring Cancer Earlier:

#### ***Connecting Cancer Researchers and Analytical Scientists***

Save the date – 12 June 2020, London

This summer the Analytical Division and Cancer Research UK will be hosting a workshop and networking event to explore collaborations for early detection.

Further details and an expression of interest call to follow.





In 2019, the Analytical Division enabled 50 PhD students and early career scientists (based in 9 different countries) to attend 17 different scientific meetings in 2019 (across 16 different countries) including:

- SciX 2019
- 22nd International Conference on Secondary Ion Mass Spectrometry
- MicroTAS 2019
- 20th European Meeting on Environmental Chemistry (EMEC20)
- 236th ECS Meeting
- American Association of Pharmaceutical Scientists Annual Meeting
- Biophotonics Australasia 2019
- BMSS Annual meeting
- Gordon Research Conference
- Herbicide Discovery and Development (HDD2020)
- HTC-16
- Materials Testing for Cultural Heritage Symposium
- MSACL 2019 EU - Mass Spectrometry: Applications to the Clinical Laboratory
- SETAC North America 40th Annual Meeting
- Society for American Archaeology Annual Meeting
- The 22nd International Conference on Secondary Ion Mass Spectrometry
- XV EUROPT(R)ODE 2020

### Scientific Meetings Grant

You can apply to the Analytical Division for up to £2000 to support your scien EMC ET /P <</M62 (o )0.5xMCID 73 >>BDC B



## COMMUNITY EVENTS OF INTEREST

### Analytical Methods Committee Technical Briefs

Technical Briefs published by the AMC are prepared by experts in the field to highlight recent information on topics of interest to the analytical chemistry community. In this edition we would like to highlight our two latest technical briefs.

The edge of reason: reporting and inference near the detection limit  
Analytical Methods Committee, AMCTB No 92

This Technical Brief describes the principal internationally recognised approach to decision and detection limits. Find the full version [here](#). Abstract reads: Although the general concept of a detection limit as a lower practical operating limit for an analytical method is widely understood, the precise interpretation of results near the IUPAC limit of detection is rarely as well understood or implemented. It is important to distinguish between statements about the analytical result, which is

Theobald Lecture  
Dr. Lucia Burgio, Senior Scientist, Victoria and Albert Museum  
and S Theobald Lecture

Join us and learn: What...

**SOLD OUT**





### Atomic Spectroscopy Group – International Year of the Periodic Table Symposium

The designation of 2019 by UNESCO as the International Year of the Periodic Table was celebrated widely last year by chemists across a wide range of disciplines. In few fields, however, can Mendeleev's defining work be said to be more relevant than in that of Atomic Spectroscopy. For the Atomic Spectroscopy community, the periodic table represents our analytical world and understanding the fundamentals of the elements has allowed the development of this large and varied field. To that end, the Atomic Spectroscopy Group (ASG) held a celebratory symposium at Burlington House on 4<sup>th</sup> November 2019 to showcase recent works in the field and facilitate networking between researchers.

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