**IMPROVING GAS CHROMATOGRAPHY- MASS SPECTROMETRY ANALYSES**

**A one-day short course**

**8 March 2024, South African Grain Laboratories (SAGL), Pretoria**

**Organised by ChromSA**

**The Chromatography Division of the South African Chemical Institute**

**Presented by Dr Steve Lancaster**

**Head of Analytical Sciences, Domino Printing Services, UK**

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| **Time** | **Topic** |
| 8h00 to 8h20 | Arrival and registration |
| 8h20 to 8h30 | Welcome and introductions |
| 8h30 to 10h00 | Introduction to GC-MS – basic concepts and instrumentation |
| 10h00 to 10h30 | Tea |
| 10h30 to 12h30 | Mass spectral interpretation, ionisation, simple and compound fragmentation, isotope abundances |
| 12h30 to 13h30 | Lunch |
| 13h30 to 15h00 | Advanced concepts in MS interpretation. Exercises. |
| 15h00 to 15h30 | Trouble shooting and Q&A |
| 15h30 to 15h45 | Closure and vote of thanks |

**REGISTRATION FORM**

|  |  |
| --- | --- |
| Title (Prof/Dr/Mr/Mrs/Ms): |  |
| First name: |  |
| Surname: |  |
| Organisation: |  |
| Address: |  |
| Postcode: |  |
| Telephone: |  |
| Email: |  |
| SACI membership number: |  |

**Please indicate your attendance:**

* **SACI member student registration# R500**

Submit proof of registration with this registration form

* **Non-SACI member student registration# R750**

Submit proof of registration with this registration form

* **SACI member delegate registration R1000**

* **Non-SACI member delegate registration R1250**

# Note: Limited sponsorships are available for full-time students. In order to apply, a one-page motivation must be submitted with the course registration form and proof of postgraduate registration.

Payments are to be made to ChromSA, ABSA Brooklyn Square, Branch code 63-20-05,

Account no. 16-3014-1636

Please use your surname & initials as the payment reference & send proof of payment and your completed registration form to [belinda-leigh.hickman@necsa.co.za](mailto:belinda-leigh.hickman@necsa.co.za).

Alternatively email your completed registration form with a request for an invoice if required for payment purposes.

**The closing date for registrations is 12 February 2024.**

**Note that there are limited places available which will be allocated on a first-come-first-serve basis!**

Payment enquiries: Belinda Hickman-Mosdell, [belinda-leigh.hickman@necsa.co.za](mailto:belinda-leigh.hickman@necsa.co.za)

Other enquiries: Prof Patricia Forbes, Ph (012) 420 5426 or [patricia.forbes@up.ac.za](mailto:patricia.forbes@up.ac.za)