



THE CHROMATOGRAPHY DIVISION
of the South African Chemical Institute
PO Box 12098 Hatfield 0028 Pretoria

ANNUAL REPORT ON THE ACTIVITIES OF THE CHROMATOGRAPHY DIVISION FOR THE PERIOD MAY 2018 TO APRIL 2019

A) COMMITTEE and MEMBERSHIP:

Four committee meetings were held during the above period. The committee members are:

Chairperson:	Mrs. Wiana Louw
Immediate past Chairperson:	Dr. Magda Rősemann
Treasurer:	Mrs. Belinda Hickman Mosdell
Membership/Communications:	Dr. Yvette Naudé
Branding/Website:	Dr Charl Yeates
Minutes Secretary	Ms. Vuyo Silwana

Additional members: Prof. Patricia Forbes Mrs. Anita Botha, Mrs. Mamsy Motlanthe and Mrs. Hannalien Meyer.

Western Cape Representation

Chairperson:	Prof. André de Villiers
Secretary:	Dr. Gordon Shephard

Additional members: Prof. Ben Burger, Prof. Ivan Green, Brenda Marx, Iain Moodie, Dr. Marietjie Stander, Dr. Mare Vlok, Merrill Wicht and Wessel Kriek.

KwaZulu Natal Representation

Mr. Lawrence Mzukisi Madikizela

Limpopo Representaion

Nikita Tavengwa

There are currently over 500 members on the ChromSA mailing list.

B) MEETINGS:

Four Committee meetings were held during the period under review:

- 25 May 2018
- 12 September 2018
- 31 January 2019
- 25 April 2019

On 6 June 2018 a joined meeting between ChromSA, SAAMS and the Analytical Division was held to discuss collaboration between the Divisions to the benefit of all members where the activities of the three divisions may overlap when hyphenated analytical techniques are addressed in courses and lectures. It was agreed to improve communication between the Divisions and to collaborate on paid events to ensure good attendance and financial viability.

The AGM was held on 24 July 2018 at the Analitika Conference, Legend Golf & Safari Resort, Mookgopong, Limpopo and 23 people attended.

The Chairperson's Report for May 2017 – April 2018 was presented and accepted by the meeting.

Belinda Hickman-Mosdell presented the audited financial statements and was approved by the meeting.

The SACI council meeting on 2 August 2018 was attended by Wiana on behalf of ChromSA.

C) AWARDS:

During Analitika 2018 four students received ChromSA sponsored prizes:

- Sithandile Ngxanga from US (Oral presentation, 1st prize)
- Genna-Leigh Schoonraad from UP (Oral presentation 2nd prize)
- Juliah Kgope from TUT (Poster presentation, 1st prize)
- Portia Makhubela from UP (Poster presentation 2nd prize)

Two nominations were received for the Chromatographer of the year 2018 award. Dr Lawrence Madikizela from Durban University of Technology (DUT) was the winner of the prestigious Chromatographer of the year 2018 award. At an event on 6 March 2019 at Durban University of Technology, Dr Madikizela gave a presentation titled: *Pharmaceuticals in water: Sample preparation and environmental monitoring*. At this event Prof. Patricia Forbes presented him with his trophy and certificate. This event was sponsored by ChromSA.

D) FINANCES:

The funds held by the National ChromSA division are >R400 000 (main income source for the period was the interest on the investment). ChromSA Western Cape has funds of >R251 000.

E) EVENTS ORGANISED:

Numerous events were organised for our members during the period under review:

- o ANALITIKA 2018 Conference took place from 22 – 25 July 2018 at the Legend Golf and Safari Resort, located in the Entabeni Safari Conservancy of the Waterberg. The

students sponsored by ChromSA to attend Analitika 2018 were Madelien Wooding, Machel Leuchner and Portia Makhubela.

- For the SACI Convention held in Pretoria from 5 – 7 December 2018, ChromSA sponsored Dr Hein Potgieter as the invited speaker for the Chromatography Session.
- At the information session as start of the year event on 31 January 2019 in the Auditorium of the Grain Building, Dr Gerda Botha (President) and Dr Pradish Rampersadh (CEO) from SACNASP were the presenters. The presentation was followed by a gin tasting. The event was sponsored by ChromSA.
- ChromSA and SACI KZN Section jointly organized the Postgraduate Research Colloquium held at Durban University of Technology (DUT) on the 6th of March 2019. Approximately 120 guests attended the event from various institutions that included University of KwaZulu-Natal (UKZN), DUT, University of Zululand, Mangosuthu University of Technology (MUT) and various KZN industries. The guest speaker was Professor Matthew Nindi, from the University of South Africa. His talk was titled "*The Journey of Mass Spectrometry to a Marriage with Chromatography*".

28 postgraduate students presented their research findings by way of posters. 7 oral presentations in all chemistry disciplines were done by PhD students from various KZN universities. Best student presentations awards included cash prizes courtesy of the Royal Society of Chemistry (North Section), SACI, ChromSA, LECO and DUT.

At the event, Professor P Forbes as a representative of ChromSA, awarded Dr Lawrence Madikizela with the prestigious Chromatographer of the Year Award for 2018.

F) FUTURE EVENTS:

- Advanced GC-MS Course presented by Dr Peter Gorst-Allman, 16 – 17 July 2019 in Pretoria
- ChromSAAMS proposed date - early in 2020.

G) CONCLUDING COMMENTS:

A special word of appreciation to the ChromSA committee members for their dedication and hard work and all the members who regularly attend our events, thank you for your support. We also want to express our sincere appreciation to our generous sponsors for their contributions during the year.

Wiana Louw

Chairperson, ChromSA

Date: May 2019