

SINGAPORE NATIONAL INSTITUTE OF CHEMISTRY PROFESSIONAL DEVELOPMENT COURSES



Novel Sample Preparation Approaches for Gas Chromatography and Mass Spectrometry Analysis

In this workshop, besides a brief account of the general principles of gas chromatography/mass spectrometry in application to environmental analysis. Simple concepts of microextraction techniques will be introduced for various applications. Participants are going to exploring the microextraction techniques such as solid phase microextraction and liquid-phase microextraction for the determination of trace level concentrations from complex samples.

This workshop combines theory and practical session effectively. During the practical session, simple sample preparation methods will be tested and compared. After this workshop, attendees may tap idea and understand the importance of the sample preparation and on how to select the suitable method to get the required information from sample analysis.

For the school teachers, will help to design environmental analytical chemistry project, in which they use new skills and knowledge to solve a small research project in the field of analytical chemistry. Such projects will facilitate the students to better understand and be in sync with the different environmental concerns reported on media.

At the end of the course, participants will be able to:

- Understand and apply the general principles of gas chromatography/mass spectrometry
- Be able to prepare environmental samples for analysis using novel preparation techniques
- Conduct lessons in environmental chemistry in an interesting and meaningful way.

Duration: Saturday, 26 Sept 2009, 9 am to 5pm

Venue : National University of Singapore, Chemistry Department, Executive Classroom
(3 Science Drive 3 Singapore 117543)

Fee

Non-Member: S\$749.00

SNIC Member: S\$642.00

All Fees are inclusive of 7% GST. Prepayment has to be made before commencement of Course. Limited to 20 Person only.

How to Register

Register online at www.snic.org.sg or use the attached registration form. For enquiries, please contact the Secretariat for Singapore National Institute of Chemistry at snic@cma.sg or tel: 6336 2328.

Singapore National Institute of Chemistry
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Singapore 189022
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Email: snic@cma.sg
Website: www.snic.org.sg

About The Trainer

Dr. Chanbasha Basheer is a faculty member of the National University of Singapore (NUS), and he holds a B.Sc. from the Madras University (India) and a Ph.D. from the NUS.

Dr. Basheer has published over 40 papers in scientific journals and his research area is motivated by an interest in micro analytical technology. This includes the development of novel micro-extraction techniques to environmental analysis and micro-fluidic-based (Lab-on-a-Chip) reaction engineering. Due to the interdisciplinary nature of his research interest, some of his publications involve collaborations with Department of Chemical Environmental Engineering, Biological Science and Tropical Marine Science Institute, at the National University of Singapore.

About The Singapore National Institute of Chemistry (SNIC)

The Singapore National Institute of Chemistry (SNIC) was established in year 1970 to serve the interests of chemists and to maintain a high standard of professional competence and ethical practice in Singapore. Most of its members are professionals from the chemistry-related industries.

SINGAPORE NATIONAL INSTITUTE OF CHEMISTRY & NATIONAL UNIVERSITY OF SINGAPORE
PROFESSIONAL DEVELOPMENT COURSES :
Novel Sample Preparation Approaches for Gas Chromatography and Mass Spectrometry Analysis
26 September 2009 @ National University of Singapore, Exec Classroom, S8-03-05

REGISTRATION FORM

PERSONAL PARTICULARS (Please print your particulars in Block Letters)

Prof Dr Mr Mrs Mdm Ms

Family Name																				
First Name																				
Organisation																				
Designation																				
Mailing Address																				
Country											Postal Code									
Phone											Fax									
Email Address																				

COURSE*	COURSE FEE FOR SNIC MEMBER	COURSE FEE FOR NON-SNIC MEMBER
Novel Sample Preparation Approaches for Gas Chromatography and Mass Spectrometry Analysis	S\$642.00	S\$749.00
Total Amount		

* Course Fee is inclusive of 7% GST. Prepayment has to be made before commencement of Course. Limited to 20 Person only. No refund will be made for cancellation; replacement is allowed.
 Meal Requirement: Vegetarian Others: _____

METHOD OF PAYMENT

By Cheque in Singapore Dollars drawn on a bank in Singapore and made payable to **“CMA International Consultants Pte Ltd”** .
 Cheque Number is _____ from issuing bank _____

By Credit Card. Please deduct the above amount from my **VISA** **MASTERCARD** **AMEX**

Card Holder's Name: _____

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Expiry Date: (MM/YYYY) _____ - _____

_____ Date

_____ Signature

Please return the completed registration form, together with cheque payment if applicable, to:

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