



MS-INDUSCON-2018

Mass Spectrometry - Indian Users Congress

Novotel Hotel, Lucknow, Gomti Nagar, U.P.

November 28-30, 2018

Website : www.ms-induscon.org

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MS-INDUSCON-2018 is the Mass Spectrometry Indian Users Congress being organised at Lucknow (U.P.) for the benefit of all the mass spectrometry users in India. One of the main objectives is to have interactions with the vendors as partners, and develop net-working among users for the best utilization of the mass spectrometers.

Mass spectrometry is a truly multi-disciplinary analytical technique. The User spends crores of rupees (millions of USD/ EUROS/British Pounds) to set-up mass spectrometric facilities in the Institute/University/Industry and this investment needs to be supplemented every year, by about 10% of the MS cost, for Annual Maintenance Contract (AMC), spares and consumables. It is, therefore, utmost important to have the most-effective utilization of the MS facility available in any Institute/Laboratory.

There are variety of mass spectrometer systems available at various units of Department of Atomic Energy (DAE) at Mumbai, Hyderabad, Kalpakkam etc., Department of Space (PRL, Ahmedabad) and CSIR units (e.g. IICT, Hyderabad; CCMB, Hyderabad; NCL, Pune, etc.) Department of Science and Technology (DST) has funded the setting up of National Mass Spectrometry Laboratories at different Universities (viz., IIT-Roorkee, IIT-Kharagpur, Puducherry University, IIT-Bombay) in India. Ministry of Earth Sciences (MoES) is now in the process of setting up State of the Art Mass Spectrometric facilities at Inter University, Accelerator Centre (IUAC), New Delhi. There is a strong need by all the pharmaceutical companies to use ICPMS for trace elements determinations at different stages of the product development.

The present Congress aims to highlight the facilities available for various researchers, and address some of the issues and other related matters of concern to the users of mass spectrometers. Prospective buyers of MS Systems will get an opportunity during this Congress to discuss various matters with the vendors and users of various MS systems. It is proposed to associate the scientific professional bodies like ISMAS, PSI, IVS, etc. for their partnership and wider dissemination of the information about this Congress. All the vendors dealing with mass spectrometric systems, related equipments (e.g. Lasers, Microwave digestion, Ion-exchange purification) and accessories (UPLC, HPLC columns, labelled compounds, tracers and standards, etc.) are encouraged to join this Congress.

WHO SHOULD ATTEND MS-INDUSCON-2018

- Any one and everyone interested to develop mass spectrometry instrumentation and know about applications in different branches of science
- Novices interested to purchase a mass spectrometer
- Those facing problems with their mass spectrometer maintenance and operations
- Vendors of mass spectrometers, etc ..
- Employers searching for M.Sc. and Ph.D. graduates in MS, unemployed with experience in MS, those looking for better opportunities to work in the area of MS applications, etc ..

SPECIAL TUTORIAL LECTURES (STL) on November 27 (10:00 to 13: 00)

1. ICPMS for QA/QC with respect to trace elements determination in drugs development
2. Statistics for data analysis and interpretation in mass spectrometry
3. Excellent thesis writing: how and why ?

SCOPE OF MS-INDUSCON-2018

- **New developments in mass spectrometry instrumentation** (inorganic, organic, biomedical etc.)
- **Mass spectrometry as a multi-faceted analytical tool** (atomic physics, Antarctica and ocean research, cancer research, drug discovery, earth sciences, electrochemistry, environmental, food authenticity, fundamental research, geology, hydrology, health sciences, imaging, material science, nuclear technology, pharmaceutical, space research, etc.)
- **Advances in Ohmics** (Genomics, Transcriptomics, Proteomics, Lipidomics, Metabolomics, Metalomics, etc.)

SCIENTIFIC PROGRAM OF MS-INDUSCON-2018

- **Plenary lectures**
- **Invited talks**
- **Short invited lectures**
- **Oral presentations by research scholars**
- **Posters presentation**
- **Poster display of Indian Publications in mass spectrometry in International Journals: instrumentation and applications (2017 and 2018)**
- **Discussion forums**
 - Interest Group Discussions on ICPMS, TIMS, SIMS, GDMS, SIRMS, AMS, etc.
 - Users of MALDI-TOF, MALDI-HRMS, ESI based MS (triple quadrupole, etc.)
- **Advances in complementary techniques for isotopic and trace analysis**
 - LIBS, SR-TXRF, CRDS, CPAA, NAA, etc.
- **Unconference session (open forum discussions)**
- **Exhibition Stalls by Vendors of Mass Spectrometry Instruments and Related products**

IMPORTANT DATES

- 1) Early Bird registration : July 1 to September 30, 2018
- 2) Late registration : October 1 to October 31, 2018
- 3) Extended abstract submission : July 1, 2018 to October 31, 2018
- 4) Mass Spectrometry platforms proforma submission : July 1 to September 30, 2018
- 5) PDF files of papers published on mass spectrometry in international journals during 2017 and 2018 : July 1, 2018 to October 31, 2018

CONTACT

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For registration, extended abstract submission, participation fee, accommodation, etc., visit the website www.ms-induscon.org