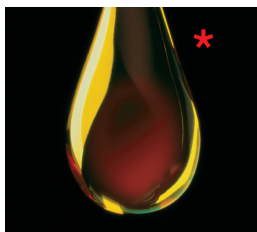




INVITATION



ONE DAY SEMINAR

On

Analytical Solutions from Bruker AXS

Organized by

**INDIAN SOCIETY OF ANALYTICAL SCIENTIST
(Delhi Chapter)**

&

BRUKER AXS

ON 1st OCTOBER 2010

at

“ESSEX FARMS”

4, Aurobindo Marg, New Delhi -110016

AIMS And Objectives:

Indian Society of Analytical Scientists Delhi Chapter (ISAS-DC) with its headquarter at Indian Oil R&D Centre, Faridabad, is a multidisciplinary body whose major function are to organize seminars / workshops on various topics covering the role of analytical sciences in various disciplines. The Society provides a common platform for Analytical Scientists to exchange ideas, help them to keep abreast with the latest development in related fields, thus promoting growth of analytical sciences in the country. Since its inception in 1992, Delhi Chapter has organized 46 technical Seminars on various contemporary topics. Judging the outstanding achievement over the years, the Delhi Chapter has been awarded the Best chapter award three times (1998, 2005 & 2007 by ISAS-HQ, Mumbai).

Analytical sciences have everything to do with measuring concentrations in complex samples and this is not restricted to chemical samples, but also biological and environmental samples are of considerable interest. Each sample has its own problems and specific techniques are required to analyze its content and/or solve structural complexities associated with a system. The analytical chemist of today is faced with a broad range of ever changing demands. With an aim to bring together the diverse aspects of analytical sciences in order to solve the practical problems in the varied areas of petroleum sciences; particularly metals including sulfur analyses, a one day seminar on Analytical solutions from Bruker AXS, has been planned to organize on 1st October, 2010 at ESSEX FARMS(Aurobindo Marg, Near IIT Delhi, Haus Khas) New Delhi. The symposium is being organized jointly by the Indian Society of Analytical Scientists (ISAS) -Delhi Chapter and M/S Bruker AXS.

Focus of the Seminar

The seminar endeavors to provide a platform to deliberate on various issues related to the recent development in the X-ray instrumentation and their applications in the diverse matrix of petroleum for metals and Sulfur analyses in the range of ppm to ppb

analyses. The technical programme of the symposium will include lectures by eminent experts from Bruker AXS GmbH, Germany and petroleum industry. The organizing Committee of the Symposium takes pleasure in inviting scientists and researchers working in the diverse aspects of analytical sciences and those utilizing various analytical techniques for solving their research problems in petroleum to participate.

Schedule & Topics:

Date: 01. 10.2010 (Friday)

- **09.00 – 09.30**
Registration
- **09.30 – 09.45**
Inauguration & Speech from Chief Guest
- **09.45 - 10.00**
Introduction speech from Country Manager Bruker AXS India
- **10.00 – 11.00**
Talk from Bruker AXS GmbH, Germany
Subject: "Petroleum norm based solutions from Bruker AXS"
- **11.00 – 11.30**
Tea & snacks
- **11.30 – 12.30**
Talk by Mr. Vatkar from HPCL, Mumbai
Subject: "Determination of sulfur in petroleum products (D2622)
And advantage of Petro-Quant Software from Bruker AXS"
- **12.30 - 13.00**
Talk from Bruker AXS India
Subject: "T-XRF"
- **13.00 – 14.00**
Lunch
- **14.00 – 15.00**
Talk from Bruker AXS GmbH Germany
Subject: "New Developments on EDXRF from Bruker AXS"

➤ **15.00 – 16.00**

Talk by Mr. Sachin Warudkar from Castol India Ltd, Mumbai
Subject: "Determination of Ca, Cl, Cu, Mg, P, S & Zn in unused
Lubricating oils and additives by WDXRF (D6443) and also
Experience with Bruker AXS system"

➤ **16.00 – 16.30**

Talk by Dr. Subrata Moitra from Haldia Petrochemicals Ltd, Haldia
Subject: "Application of XRF in Petrochemical Industry"

➤ **16.30 – 17.00**

Conclusion / Ending speech from ISAS

Registration fee

There is No registration fee for the participation.

Executive Committee of ISAS –DC

Patron:

Dr. R. K. Malhotra, Director (R&D),
IOCL

Chairman:

Dr. A.S. Sarpal, IOC, R&D, FBD

Vice Chairman:

Dr. M.S. Alam, Jamia Hamdarad

Secretary:

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Dr. Prabhat K Gupta, NPL, Delhi
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Dr. Shalini, BPCL R&D
Dr. Bikram Singh, IHBT, Palampur
Sh. V.K. Sharma, IOC, R&D, FBD
Sh. Basant Kumar, IIP, Dehradun

Local Organizing Committee

Address for Correspondence:

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CRM-Petrochemicals & Polymers

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Bruker AXS design and manufactures analytical X-Ray systems for elemental analysis, material Sciences and Structural investigations.

Our innovative solutions enable a wide range of customers in heavy industries, petrochemicals, chemistry, pharmacy, semiconductor, life science and nanotechnology to make technological advancements and to accelerate their progress.

Partnership with customers:

- **Our Solutions are based on needs of our customers.**
- **Global presence ensures competent local support.**
- **Reliability and continuity is the basis for a long term relationship.**



Products:

WD-XRF / ED-XRF / T-XRF / XRD / SC-XRD



Bruker AXS Analytical Instruments Pvt Ltd

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Website: www.isasdelhi.org