

Workshop on Nano Probe Techniques

(Secondary Ion Mass Spectroscopy and Atom Probe Tomography)

Date : 14th July 2014

Venue: VLT 1, Block V, IIT-Delhi

Organized by

Nano Scale Research Facility-IIT Delhi

in association with

Materials Research Society of India (MRSI)



Organizing Team

Prof. Vikram Kumar, Prof. B.R. Mehta,
Dr. Aadesh P Singh & Dr. Alim Khan

Sponsored by



Invited Speakers

Dr. Anirudh Biswas, BARC Mumbai
Dr. Anuradha Dhaul, SSPL New Delhi
Dr. R. Balamurlikrishnan, DMRL Hyderabad
Dr. A. K. Tyagi, IGCAR Kalpakkam
Dr. Kuljeet K Marhas, PRL Ahmedabad
Dr. R. Gopalan, ARCI Chennai
Dr. B. R. Chakraborty, NPL New Delhi

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Programme

Presentation Session: 14th July 2014 • 9:00 am to 6.00 pm

Venue: VLT 1, Block V, IIT-Delhi

Inaugural Function: 9:00 am-9.30 am by DEIT Secretary , Director-IIT Delhi, Dr. Vikram Kumar- Ex-IIT Delhi and NPL Director, Mr. Hiren Desai - M.D Ametek India, Mr. Philippe Saliot & Dr. Peter Clifton, CAMECA and Dr. B. R. Mehta-IIT Delhi.

• **Atom Probe Session:** Chair by Dr. Dinakar Kanjilal, IUAC-Director, New Delhi

• **Atom Probe 1:** 9.30 am : 10.30 am, presentation by Dr. Peter Clifton-CAMECA

High Tea: 10.30 am – 11.00 am

• **Atom Probe 2:** 11.00 am - 11.30 am, presentation by Dr. R. Balamurlikrishnan, DMRL Hyderabad

• **Atom Probe 3:** 11.30 pm - 12.00 pm, presentation by Dr. Anirudh Biswas, BARC Mumbai

• **Atom Probe 4:** 12.00 pm- 12.30 pm, presentation by Dr. R. Gopalan, ARCI Hyderabad

DISCUSSION

Lunch: 1.00 pm – 2.00 pm

• **SIMS Session:** Chair by Dr. A. Mukhopadhyay, Adviser/Scientist 'G' SERC- DST New Delhi

• **SIMS 1:** 2.00 pm-3.00 pm, presentation by Dr. Philippe Saliot, CAMECA France

• **SIMS 2:** 3.00 pm-3.30 pm, Presentation by Dr. A.K. Tyagi, IGCAR Kalpakkum

High Tea: 03.30 pm – 4.00 pm

• **SIMS 3:** 4 .00 pm - 4.30 pm, presentation by Dr. Anuradha Dhaul, SSPL New Delhi

• **SIMS 4:** 4 .30 pm - 5.00 pm, presentation by Dr. B. R. Chakraborty, NPL New Delhi

• **SIMS 5:** 5.00 pm - 5.30 pm, presentation by Dr. Kuljeet Kaur Marhas, PRL Ahmadabad

DISCUSSION

Vote of Thanks by Mr. Bobby Mascarenhas, Director, Materials Analysis Division, Ametek India and Dr. B. R. Mehta, IIT Delhi.

Dinner: 7.00 pm

The complete workshop will be recorded live.

