

14th ISMAS-WS-2011 (Nov. 7-11, 2011)
Tea County, Munnar

Invited Talks

IT - 1	The Importance of Standards and Reference Materials in Quantitative SIMS Analysis of Semiconductors
IT - 2	Differential Proteomic Studies of Platelets in Hematological Disorders
IT-3	ICAP and ICP-MS Techniques for Metal Extraction Efficiency of Algae by various Solvents
IT-4	Accelerator Mass Spectrometry Program at Inter-University Accelerator Centre, New Delhi, India
IT-5	Advances in Inorganic Mass Spectrometry and New Approaches for Geochemical Studies
IT-6	Identification of Phosphorylation Sites in Sarin (GB) Exposed Acetylcholinesterase (AChE) & Albumin using MALDI-TOF/MS
IT-7	Monsoon Onset Signal in the Stable Oxygen and Hydrogen Isotopes in Rainfall
IT-8	Characterization of Outer Membrane Vesicles from Bacteria using Mass Spectrometry
IT-9	Mobile Ambient Mass Spectrometry: A Technique for In-Situ Detection of Tainted Chemical Compounds in Foods and Common Commodities
IT-10	OMICS as Tool to Investigate Developmental Processes in the Fruit Fly
IT-11	Application of N-TIMS to Measure Mineral Absorption
IT-12	Liquid Chromatography Tandem Mass Spectrometry: A Tool for the Detection, Characterization and Quantification of Diversified Chemical Scaffolds
IT-13	Application of ICPMS for Performance Evaluation of Boron Enrichment Plant at HWP, Manuguru
IT-14	Role of D/D+H Mass Spectrometer in the Production of Heavy Water
IT-15	Significance of TIMS in Performance Evaluation of Boron Enrichment Plant at HWP, Talcher
IT-16	Non-heme Model of Dioxygen Activation in Aqueous Medium: Mass Spectrometric Methods to Identify the Catalytic Species and Understanding the Rational of Catalysis
IT-17	National Facility for Geochronology and Isotope Geosciences at Pondicherry University

IT-18	New Approaches to Quantify Hydrogen in Steel
IT-19	IWIN National Programme: New Hydrological Insights
IT-20	Vitamin B12 Deficiency Results in Altered Protein Expression in Rats
IT-21	Determination of Thermodynamic Properties of Intermetallic Phases in Systems Al-Cr-Fe and Al-Fe-Ni using Knudsen Effusion Mass Spectrometry
IT-22	Mass Spectrometers as Radical-Catching-Machines: Fundamental Studies and Analytical Applications for Distonic Radical Ions in the Gas Phase
IT-23	Applications of SIMS in the Aerospace, Nanotechnology, Energy, Healthcare and Information Technology Sectors
IT-24	-----
IT-25	Re-Os systematic: Application to Organic Rich Sediments
IT-26	Life outside the 'Matrix': Exploring LDI-MS in Bacterial Biofilm Metabolomics
IT-27	U/Pb - Dating
<i>Tutorial</i>	<i>Principles of SIMS, Modes of Operation of SIMS Instruments, Quantification Issues and Applications</i>

Vendors' Talks

VT - 1	Multidimensional HPLC+GC-MS: The Next Step to Tandem MS-MS Offering Quasi Universal Quali/Quanti of Organics upto 1000 uma MW
VT - 2	Efficient Multispray Ion Source for High Productivity
VT - 3	-----
VT - 4	The Potential for Isotopic Analysis using a New Fast Scanning ICP-MS
VT - 5	<i>Advances in Gas IRMS</i>
VT - 6	Advances in high precision isotope ratio measurements using the Isotopx Phoenix TIMS
VT - 7	Developments in Laser Ablation: A New Wave Research Perspective