The 12th ISMAS Symposium-cum-Workshop on Mass Spectrometry (12th ISMAS-WS 2007) was organized by the Indian Society for Mass Spectrometry (ISMAS, Mumbai) in association with the National Institute of Oceanography and was co-sponsored by the Scientific Departments (BRNS and CSIR) of the Government of India. The Symposium-cum-Workshop was held at Goa during March 26-30, 2007.

The 12th ISMAS-WS 2007 was inaugurated by Dr. T. Mukherjee, Director, Chemistry Group, at BARC Mumbai, on March 26, 2007. Dr. S.K. Aggarwal, President, ISMAS delivered the welcome address and highlighted the scope of the Symposium. Prof. P.S. Zacharias, Vice Chancellor, Goa University delivered the presidential address and Prof. V.N. Jindal, Dean of Goa Medical College addressed the gathering. During the inauguration function, a special ISMAS Bulletin as well as a CD containing the e-book of abstracts of the invited talks and contributed papers was released by Dr. T. Mukherjee. The inauguration was followed by a formal opening of the exhibition arranged by different vendors and manufacturers of instruments.

Around 150 participants including 10 overseas speakers attended the Symposium. The scientific programme of the Symposium-cum-Workshop was spread over 18 technical sessions. There were 16 invited talks by distinguished mass spectroscopists, 18 technical posters; 13 research scholars presentations, 11 innovative research presentations and 8 lectures by instrument manufacturers on recent developments in instrumentation. There were six panel discussions on topics of current interest viz. Accelerator Mass Spectrometry, Bio-Medical Research, MS in Earth Sciences, Indigenous Instrumentation for Mass Spectrometry, MS in Nuclear Science and Technology, Trace Elemental Analysis Techniques etc. The panel discussion on Trace Elemental Analysis Techniques also included other promising trace analysis techniques like Total Reflection X-ray Fluorescence (TXRF) and Laser Induced Breakdown Spectroscopy (LIBS). These panel discussions were appreciated by all the delegates and were highly useful to the participants. Invited speakers from overseas included Dr. Mathias Schafer, (Cologne, Germany), Dr. John P. Shockcor (Cambridge, UK), Dr. I.B. Brenner (Israel), Dr. Morris Richard (Warwick, UK), and Dr. Ronald Hergenroeder (Dortmund, Germany). The speakers from India included...
Prof. Saranjit Singh (NIPER, Mohali), Prof. A.K. Chakraborti (NIPER, Mohali), Dr. Mahesh Kulkarni (NCL, Pune), Dr. S.K. Raza (DRDE, Gwalior), Prof. Utpal Tatu (IISc., Bangalore), Dr. K.P. Madhusudanan, (CDRI, Lucknow), Dr. B.R. Chakraborty (NPL, Delhi). The scientific topics covered in these invited talks included Advances in Mass Spectrometry Instrumentation, Application of Mass Spectrometry in the fields of Nuclear Technology, Earth Sciences, Drug Discovery, Ionic Liquids, Proteomics etc. A novel feature of the 12th ISMAS-WS 2007 was a presentation on “Scientometric Mapping of Mass Spectrometry Research in Nuclear Sciences & Technology: A Global Perspective” by Mr. B.S. Kademani from Scientific Information Resource Division (SIRD) of BARC.

The Symposium concluded with a Valedictory function on March 30, 2007. Dr. J.P. Mittal, renowned scientist and former Director, Chemistry Group, BARC was the chief guest during the Valedictory function. During this function, prizes were awarded to the authors of the best poster and the best oral presentations.