

## **International Conference on Metals and Materials Research (ICMR 2016)**

*[www.icmr2016.net](http://www.icmr2016.net)*

International Conference on Metals and Materials Research (ICMR 2016) is being organized by The Indian Institute of Metals, Bangalore Chapter, Metal Sciences Division of The Indian Institute of Metals and the Electron Microscope Society of India during June 20-22, 2016 at Indian Institute of Science Bangalore. This conference is being supported by Department of Materials Engineering of IISc, Bangalore, Department of Metallurgical Engineering, IIT BHU, National Institute for Advanced Studies, Bangalore and T R Anantharaman Education & Research Foundation.

A number of organization have already joined as Materials Alliance partners in support of the event. Some of the prominent Materials Alliance partners of the event are Indian Space Research Organisation, Atomic Energy Regulatory Board, Icon Analytical, General Electrics, JSW Steel Ltd., Tata Steel, Gatan, TATA Consultancy Services, Center for Study of Science, Technology and Policy, Sundaram Clayton, Chennai, Ametek, Nanoholdings, Panalytical, National Metallurgical Laboratory, Jamshedpur, Central Glass Ceramic Research Institute, Kolkata. The conference budget is about Rs. 25 lakhs, which is expected to be met by various private and public sponsors.

The present conference focuses on the past, present and future in the science and technology of materials. The primary objective of this conference is to bring together eminent experts from academia, research institutions and industries as well as practicing engineers, young researchers and students across the globe to deliberate critically to evaluate the current progress and highlight the future challenges. The conference will cover the whole gamut of materials with special focus on the topics such as Alloy design, Advanced steels, Archaeometallurgy, Atomic resolution microscopy, Bulk metallic glasses, Grain boundaries and interfaces, High entropy alloys, Materials education, Nanomaterials, New geometries for new materials , Non-equilibrium processing and Quasicrystals. These areas are chosen keeping in mind that this conference is being organized to honor Prof. S. Ranganathan, Past President of the Indian Institute of Metals, on completing 75 years of illustrious life. Prof. Ranganathan has significantly contributed in all the above areas.

The conference has an illustrious Advisory Committee and the key members of organising committee are Prof. V.S. Raja, IIT Bombay as Chairman, Prof. N.K. Mukhopadhyay, IIT BHU and Prof. Satyam Suwas, IISc, Bangalore, as Co-Chairman, Prof. B.S. Murty, IIT Madras as Convener, Dr. Vijay Sethuraman, IISc, Bangalore as Secretary and Dr. Abhik Choudhury, IISc, Bangalore as Treasurer.

Prof. C.N.R. Rao will be delivering the Inaugural address. There will be two plenary sessions with Prof. A.L. Greer, University of Cambridge, UK; Prof. Barry Carter, University of Connecticut, USA; Prof. K. Chattopadhyay, IISc Bangalore; Prof. A. Inoue, Formerly Tohoku University, Japan; Dr. S. Banerjee, BARC, Mumbai; Dr. Baldev Raj, NIAS, Bangalore as Plenary speakers. In addition, the conference will have three parallel technical sessions with about 80 invited speakers. There are no contributory talks in this conference. About 50 young researchers and senior PhD students will be presenting their work in the form of posters.

In addition, the conference also will felicitate Prof. S. Ranganathan, Past President of IIM for completing 75 years of admirable journey, touching the lives of many and inspiring all those who came in contact with him.