

Registration Form

Name(s): _____

Company Name: _____

Cheque/DD no.: _____

Last date for sending registration forms: 4th Oct. 2013
Please send completed registration forms to:

Dr. Srinivasa Rao Bakshi
Dept. of Metallurgical and Materials Eng.
Indian Institute of Technology Madras
Chennai, India
Ph: 8056073710
Email: sbakshi@iitm.ac.in

PS: Scanned forms are accepted by email. Participants interested in spot registration must inform by email before 4th October so that necessary arrangements can be made.

A One Day Workshop On

Thermal Spraying and Cladding

8th October 2013

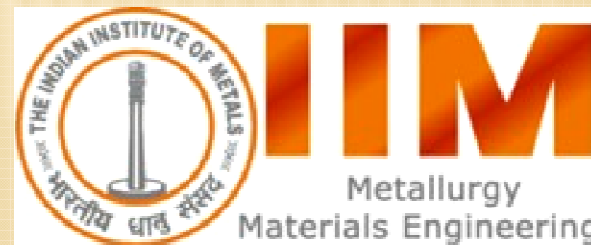
Metallurgy Committee Room(MSB117)
IIT Madras

Organized by

Dept. Of Metallurgical and Materials Eng.,
IIT Madras &
The Indian Institute of Metals Chennai
Chapter

Coordinators

Prof. M. Kamaraj
Dr. Srinivasa Rao Bakshi



About the Workshop

Thermal spray processes are widely used in the industry today for application of coatings for resistance to wear, temperature and environmental attack. The popularity of thermal spray processes is on the rise with a lot of new applications coming up in the automobile and aerospace industry along with heavy industries. In addition to this, research in the development of special coatings with tailor-made properties for different applications is being carried out extensively in research organizations and academic institutions.

There is a lack of knowledge of what are the thermal spraying techniques that are available to an engineer and what can he do with them in our country. There is an necessity of programs that can disseminate information on the techniques available and the practical applications of it. Not all techniques will work for all applications. Certain techniques work well for ceramics while certain work well for metals and alloys. It is necessary to understand the process and its characteristics and its advantages and limitations. This will be necessary for choosing a particular process for a particular application.

The idea of organizing this workshop crystallized from the news that Prof. Christopher Berndt of University of Swinburne, Australia, who happens to be the President of ASM International for the year 2011-2012, and a world renowned expert in thermal spray technologies, is visiting IIT Madras. Prof. Berndt expressed his willingness to share this knowledge by delivering special lectures for this workshop. Dr. G. Sundararajan, Director of ARCI Hyderabad and Professor at IIT Madras also agreed to share his vast experience in thermal spray research and applications.

Contents of the workshop

- Description of various thermal spray processes
- Comparison of various processes
- Tips for selecting different processes
- Testing of thermal spray coatings
- Application of thermal spraying in Industry
- Application of PTA for cladding
- Laser Cladding and its applications
- Research trends in the area of thermal spraying
- Cold Metal Transfer weld cladding

Who should attend

- Technical people from Industries
- Scientists from research organisations
- Shop floor personnel from industries
- Faculty from engineering colleges
- Students and budding researchers

Registration details

Registration fees

- Non-IIM Members: Rs. 3000
- IIM Members: Rs. 2500
- Students: Rs. 2000

Registration fees to be paid by cheque/DD in favour of "INDIAN INSTITUTE OF METALS CHENNAI CHAPTER".

Companies sending more than 3 persons will get a discount of 20%