

To

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 Convener- LACOM 2011
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- | | | |
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| Convener | : | Dr. M. Ravi
NIIST (CSIR), Trivandrum |



FIRST CIRCULAR

National Seminar
on
LIGHT METALS, ALLOYS AND COMPOSITES
FOR AEROSPACE, AUTOMOTIVE,
DEFENCE AND ENERGY SECTORS
(LACOM-2011)

28-29 April 2011
at
Trivandrum

Organized by

IIM
 Metallurgy
 Materials Engineering

THE INDIAN INSTITUTE OF METALS
 Trivandrum Chapter
www.iimtm.org

Light metals, alloys and their composites have low density and high strength to weight ratio. Light metals include Aluminium, Magnesium, Titanium and Beryllium. The special properties of light alloys include excellent mechanical properties, stiffness and corrosion resistance. They are used in aerospace, automotives, marine and energy applications due to its lightness which leads to fuel savings. As the scope of these materials are enlarging to newer areas, there is an urgent need to update our knowledge of these materials. Thus, the present conference on "Light Metals, Alloys and Composites for Aerospace, Automotive, Defence and Energy Sectors" aims at looking at the present and future trends in these materials.

The topics to be covered in this conference include

- Alloys and composites of Al, Mg, Ti and Be
- Metallic foams
- Functionally Graded Materials
- Advanced casting processes
- Emerging trends in processing of wrought alloys
- Microstructure and properties
- Aerospace applications
- Automotive applications
- Defence applications
- Energy applications
- Welding and joining
- Corrosion and Surface Engineering
- Computational material science
- Environmental challenges

Call for papers

The seminar will feature invited lectures by eminent scientists and technologists from R&D laboratories, academic institutions and industries and contributory papers by researchers based on their original work. An extended abstract (around 500 words) of the proposed contributory papers may be sent by post or e-mail to the Convener on or before 15th March 2011.

Intimation regarding the acceptance of the paper will be given by 20th March 2011.

Accommodation

Hotels of all ranges are available in Trivandrum. Hotel accommodation can be booked for the participants on request indicating the tariff range.

Registration

Interested participants are requested to fill in the attached registration form and send it along with the registration fee before 31st March 2011.

Registration of at least one author of the contributed paper accepted for presentation is compulsory.

Details of registration fee are given below:

Member of IIM	:	Rs.2500
Non-Member of IIM	:	Rs.3000
Student Member of IIM	:	Rs.1000
Students	:	Rs.2000
Company Registration (4 delegates)	:	Rs.10,000

The registration fee shall be paid by Demand Draft drawn in favour of the "IIM Trivandrum Chapter, Seminar 2011 account", payable at Trivandrum.

Correspondence

All correspondence shall be addressed to

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LIGHT METALS, ALLOYS AND COMPOSITES FOR AEROSPACE, AUTOMOTIVE, DEFENCE AND ENERGY SECTORS (LACOM-2011)

Registration Form

Name (in block letters) :

Designation :

Affiliation :

Address for communication :

IIM Membership No. :

Phone - Off. :

Phone - Res. :

Fax :

Mobile :

E-mail :

Payment Details
Registration Fee : Rs.....vide DD No.....
datedon.....
Bank is enclosed

Accommodation required : Yes No

Tariff range : Rs.....

Room : AC / Non AC / Single / Double

Food : Veg / Non Veg

Date: _____ Signature _____