Welcome to Thiruvananthapuram

Located at the south-western tip of Indian subcontinent and wedged between the western ghats on the east and Arabian Sea on the west, the narrow strip of land called 'Kerala' is a destination of a lifetime. Adorned by its beautiful beaches and backwaters, enchanting woods and forests, lush hill stations and exotic wildlife, traditional ayurvedic practices, century old art forms and magical festivals, Kerala happens to be a place to experience life in its full glory. No doubt National Geography magazine names Kerala as one of the "ten paradises of the world" and "fifty must see destinations of a lifetime". Thiruvananthapuram meaning the land or "Lord Anantha" is the capital of Kerala. The city is well connected by trains and flights. It has an excellent public transport system in auto-rickshaws and taxis. The climate in the month of May is pleasant with a maximum of 33ºC and a minimum of 25ºC. Hotel accommodation is available in plenty suiting all tariff ranges. Details of hotels in the city are available in the website www.keralatourism.org

Correspondence

Sri. Abhay K. Jha
Convener, HTMHS-2013
Head, Materials Processing Division
Vikram Sarabhai Space Centre (VSSC)
Thiruvanathapuram- 695022, India
Tel: +91-471-2563685
Fax: +91-471-2705048
+91-471-2705427
Email: ak_jha@vssc.gov.in

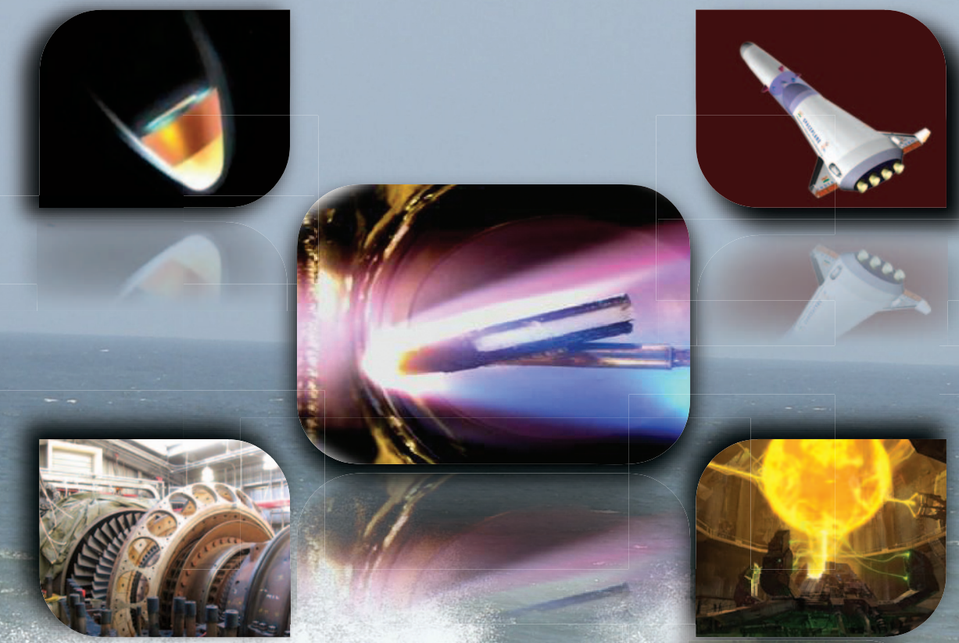
Dr. T.P.D.Rajan
Co-Convener, HTMHS-2013
Scientist,
National Institute of Interdisciplinary Science & Technology (NIIST)
CSIR, Pappanamcode
Thiruvanathapuram- 695019,India
Tel: +91-471-2515327
Fax:+91-471-2491712
Email: tpdrajan@rediffmail.com

FIRST ANNOUNCEMENT

HTMHS-2013

Prof. Brahm Prakash Birth Centenary Workshop on

High Temperature Materials and Hot Structures (HTMHS - 2013)



May 09-10, 2013
Thiruvananthapuram, Kerala

Organised by

IIM
Metallurgy
Materials Engineering

The Indian Institute of Metals (IIM)
Trivandrum Chapter

About the Workshop

Materials and structures capable of withstanding higher temperatures, govern largely the limits of emerging advanced technologies for frontier sectors such as aerospace, nuclear and defence. Therefore, the continuous endeavour of material scientists world over is to design and develop newer classes of high temperature materials and hot structures which can withstand extremely harsh operating environments. Onus shifts to engineers for harnessing these new developments for actual applications for the benefit of mankind. Thus, academic institutions, R&D laboratories and industries play an equal share of crucial role in qualifying the potential materials from lab to launch.

The Workshop on 'High Temperature Materials and Hot Structures'(HTMHS-2013) being organized by The Indian Institute of Metals (IIM), Trivandrum Chapter during May 09-10, 2013 primarily focuses on recaptulating the recent advances in this area. The Workshop provides a platform for academicians, scientists, engineers and industrialists working in the field to meet and exchange information on latest developments and emerging trends in high temperature materials and hot structures. It also aims at formulating an approach for imparting thrust to the promising areas under the main theme of the Workshop.

Prof Brahm Prakash is remembered in the country and abroad for his outstanding contributions in Metallurgy and Materials Science. He ushered in an era of advanced materials including high temperature materials in India with no fanfare. He was a technology-leader and institution-builder par-excellance. Birth centenary of this great scientist and mentor falls on August 21, 2012. As an humble tribute, the Workshop is dedicated to his memory.

Scope

Traditionally, monolithic ceramics and refractory metals were identified for use at high temperatures. Considerations such as higher operating temperatures, increased thermostructural loads, lower density, etc. brought exotic materials such as ceramic matrix composites, carbon based composites, ODS alloy, intermetallics and thermal barrier coatings to the horizon. Advent of ultra high temperature ceramics and functionally graded materials further pushed the threshold of applicability of high temperature materials and hot structures. Impressive progress in this area has been possible because of the fact that characterization tools along with design and simulation techniques have constantly kept pace with advancement occurring in the processing methods of these materials. The workshop will feature invited lectures by eminent experts on various topics under the main theme.
Its scope includes:

- ✯ Thermal Protection Systems and Materials
- ✯ Hot Structures
- ✯ Ceramic and Carbon Matrix Composites
- ✯ Ultra High Temperature Ceramics
- ✯ Coating Technology
- ✯ Simulation and Characterization

HTMHS 2013

Sponsorship

Type	Amount	Benefits
PLATINUM	₹ 500000	5 free delegates 1 inner page color advt. free Wide publicity thru banner
DIAMOND	₹ 300000	3 free delegates 1 inner page colour advt. free Wide publicity thru banner
GOLD	₹ 200000	2 free delegates 1 inner page colour advt. free Wide publicity thru banner
SILVER	₹ 150000	1 free delegate 1 inner page colour advt. free Wide publicity thru banner
Dinner	₹ 150000	1 free delegate 1 inner page colour advt. free Wide publicity thru banner
Lunch	₹ 100000	1 inner page color advt. free Wide publicity thru banner

Advertisement in the Souvenir*

	Indian (₹)	Foreign ($)
Front back cover (Colour)	50000	1200
Back outer cover (Colour)	40000	1000
Back inner cover (Colour)	30000	800
Inner Pages (Colour)	20000	500
Inner Page (B/W)	15000	400
Half Page (B/W)	10000	250

*One copy of the Souvenir will be given to each advertiser free of cost.

Registration

The registration is limited to 100 participants. Preference for participation will be given on First-come-first-served basis. Those interested are requested to fill in and send the attached registration form so as to reach us before March 15, 2013. The fee details are as given below:

IIM Members : ₹ 4500/-
Non Members (IIM) or Others : ₹ 5000/-

All payments shall be made by demand draft drawn in favour of 'HTMHS- 2013', payable at Thiruvananthapuram and shall be sent to Sri. Abhay K. Jha, Convener, HTMHS–2013 or to Dr. T.P.D. Rajan, Co-Convener, HTMHS-2013. Payments can also be made by credit card or bank transfer / wire transfer to the account: State bank of India, Thumba branch, A/c no. 32677554939, IFS code: SBIN0002279, Swift Code: SBININBB486