International Seminar on High Temperature Materials
(February 23-25, 2009)

Sponsored by:

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

(AFOSR) – ASIAN OFFICE OF AEROSPACE

RESEARCH & DEVELOPMENT (AOARD), USA

INSTITUTE OF TECHNOLOGY
BANARAS HINDU UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
VARANASI - 221 005, INDIA

Introduction:

High temperature phenomena are important during the fabrication and implementation of a variety of advanced materials. This Conference focuses on recent developments in general research areas (interfacial behavior, computational modeling, electrochemistry, thermochemistry, and kinetics), and also on specific types of materials at the forefront of current research (fuel cells, nanomaterials, sensors, MEMS, and ultra-high temperature materials). Many recent advances in these areas rely on improved experimental and computational insight into the atomic and mesoscale processes that occur at high temperatures.

The conference will facilitate discussion on the latest trends in the entire gamut of high temperature materials. The deliberations will certainly be helping researchers for embarking upon newer aspect design and development of various types of materials.

Submission of Papers:

Technical papers are invited in the areas specified under the conference scopes. Interested participants are invited to submit an abstract not exceeding 300 words indicating clearly the objective and conclusions of the work.

Authors are required to prepare manuscripts on A4 size paper with margins of 2.5 cm. They should use single line spacing in MS-word format. The full papers should be sent with original drawing, figures, and photographs. The paper should be sent in electronic formats and hard copy with CD. The language of the conference is English.

DEADLINES

*Submission of abstract: 20 DEC. 2008
*Submission of full paper: 30 DEC. 2008

Publication:

The conference proceeding will be published as a fully peer reviewed volume of advances in composite materials. The papers without presentation / discussion in conference and registration fees will not be included in the conference proceedings.

Conference Topics:

The conference will broadly cover the following topics:
*Recent advancement in high temperature materials.
*Ceramic composites and its applications.
*Nanomaterials and Nano-composites
Eminent scientists and engineers from India and abroad will deliver expert lectures on above topics.

Registration Fee:

Foreign delegates (FD) -	**US $ 400**
Students:	**US $ 200**
Indian delegates (ID):	**Rs. 3000.0**
Students:	**Rs. 2000.0**

(Conference fee covers proceeding and refreshment.

Registration fee and sponsorship fee are to be sent by means of Cheque / Demand Draft payable at Bank of Baroda, BHU, Varanasi-221005, India and drawn in favour of "Chairman- ICRACM".

Important Notice:

Visit website of ICRACM-2010 conference, which will be held at University of Bordeaux, Bordeaux, France.

www.capforest.org/capforest/international/icracm_2010

About The City:

Varanasi, as the veritable cultural capital of India, has a long and unbroken past with hoary traditions and inimitable conventions. It is arguably the oldest city to retain its original cosmic orientation in its entirety, while negotiating with everyday mundane nuance. As the city of light, life and lilt, it continues to function as a sacred microcosm of Hindu universe.

It is well connected with every part of the India through Rail, Road, and Air. Hotels ranging from Five Stars to most ordinary class are available on payment. The climate in Varanasi is expected to be very pleasant during the month of February with temperature around 15^0C.

International Advisory Committee:

Prof. V.K. Srivastava	India
Dr. M. Singh	USA
Dr. T. Ohji	Japan
Dr. H. T. Lin	USA
Prof. Eberhard Roos	Germany
Prof. S. Mall	USA
Dr. K. C. Goretta	USA
Prof. H. Hatta	Japan
Prof. Ulrich Gabbert	Germany
Prof. Karl Schulte	Germany
Prof. Armin Reller	Germany
Dr. J. P. Singh	Japan
Prof. Walter Krenkel	Germany
Prof. J. G. Heinrich	Germany
Prof. Rajiv Asthana	USA
Prof. E. Case	USA
Prof. Y. Miyamoto	Japan
Prof. Karl Maile	Germany
Prof. L. M. Manocha	India
Dr. Jean P. Lecompte	France
Dr. B. Nageswara Rao	India
Dr. P. K. Govindan Potti	India

International Seminar on High Temperature Materials
February 23-25, 2009

Registration Form

Plan to attend the Seminar : Yes / No
Plan to contribute the paper : Yes / No

Title of Paper:.....

Author's Name: ----------

MailingAddress:
.....
.....
.....
E-mail:.....

Accommodation required:
Hotels: Total amount (registration fee & accommodation): ----------
Demand Draft / Cheque Number: .....
Amount: ..... Date:.....

Date: Signature

Non-Profit Org

Mail to:

Prof. V. K. Srivastava
Chairman
Dept. of Mechanical Engineering
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Tel. (+91) 542 2368157 (O)
Fax. (+91) 542 2368174; 2368428

Keynote Lectures:

i. **Dr. T. Ohji**, *National Institute of Advanced Industrial Science & Tech., AIST, Nagoya, Japan*
(Porous Ceramics for Environmental Applications)

ii. **Dr. M. Singh**, *NASA, GRC, Cleveland, USA.*

iii. **Dr. H. T. Lin**, *Materials Science & Tech. Division, Oak Ridge National Laboratory, Oak Ridge, USA*

iv. **Prof. Akira Kohyama**, *Kyoto University, Japan.*

v. **Dr. R.B. Mathur**, *NPL, New Delhi, India*

vi. **Prof. B. Basu**, *IIT, Kanpur, India*

vii. **Prof. Yeon-Gil Jung**, *University of Changwon, South Korea.*

viii. **Prof. Hiroshi Hatta**, *Jaxa, Japan*
(*Prevention of gas leakage through C/C composites*)

ix. **Dr. M. Koyama**, *Tokyo University of Science & Tech., Japan*
(Establishment of the Non-Destructive test method using Electrical Technique to C/C Composites)

x. **Prof. S. Ram**, *IIT, Kharagpur, India.*

xi. **Prof. C. Jacob**, *IIT, Kharagpur, India*

xii. **Prof. Puneet Mahaja**, *IIT, New Delhi, India*

xiii. **Dr. R.M. Mohanty**, *NFDC, Hyderabad, India.*

xiv. **Prof. Shankar Mall**, *AIFT/ENY, USA*

xv. **Dr. N. Nageswara Rao**, *VSSC, Trivandrum, India.*

xvi. **Prof. T.Yoshinaka** , *Japan Aerospace Exploration Agency of (JAXA), Tokyo, Japan*
(Oxidation Characteristics of CVDSiC under High Temperatures)

xvii. **Prof. Dr. Michael Scheffler**, *Brandenburgische Technische Universität Cottbus, Germany*
(Bottom-up manufacturing: complex alumina parts by plasma joining)

xviii. **Dr. M.T.Sebastian**, *National Institute of Interdisciplinary Science & Technology, NIIST, Trivandrum, INDIA-695 01*

xix. **Prof. Rodrico Moreno**, *CSIC, Kelsen, Madrid, Spain.*
(Synthesis and colloidal processing of alumina-mullite nanocomposites)

xx. **Prof. Sundara Ramprabhu,** *IIT, Chennai*
(Nanomaterials:- Processing and energy related applications)".

xxi. **Dr. Ramesh Chandra,**
Head, Naval Air Systems Command, USA

Information about the Hotels at Varanasi and other related matters

FIVE STAR HOTELS

Sl. No.	Name of Hotel	Address	Website	Email Address	Telephone Number	Fax Number
1	**The Gateway Hotel Ganges Varanasi Old Name: Hotel Taj Ganges**	Nadesar Palace Grounds Varanasi - 221 002 Uttar Pradesh India	**http://www.tajhotels.com/ ContactUs/ContactInformation/ default.aspx#The%20Gateway% 20Hotel%20Ganges%20Varanasi**	**gateway.varanasi@tajhotels.com**	**(91-542) 2503001 up to 19**	**(91-542) 2501343 / 2502724.**
2	**The Clarks**	The Mall, Cantt. Varanasi - 221 002	**http://www.clarkshotels.com/**	**clarkvns@satyam.net.in**	**+91-542-2501011-20**	**+91-542-2502736**
3	**Ramada Plaza Jhv, Varanasi**	RAMADA PLAZA JHV The Mall, Cantonment Varanasi-221001 (INDIA)	**http://www.ramadajhvvns.com/**	**reservation@ramadajhvvns.com**	**+91 (542) 2510000 up to 39**	**+91 (542) 2500711**

FOUR STAR HOTELS

Sl. No.	Name of Hotel	Address	Website	Email AQddress	Telephone Number	Fax Number
1.	**Radisson Hotel Varanasi**	The Mall Cantonment , Varanasi U.P. 221002, IN 221 002	**http://www.radisson.com/ varanasiin**	**reservations@ radissonvns.com**	+91-542-2501515 **Reservations:** (888) 201-1718 US Toll Free 1800 1800 333 India Toll Free For Reservations	+91-542-2501516
2.	**Hotel Hindusthan International**	HHI, C-21/3, Maldahiya,Varanasi - 221002 Uttar Pradesh, India.	**http://www.hhihotels.com/ varanasi/index.php**	**hhivaranasi@ satyam.net.in dibyenduroy.fom@ gmail.com**	91 542 2411484 / 489 (7 lines)	91 542 2410931
3.	**Hotel Ideal Tower**	**The Mall Cantt, Varanasi – 221002 (U.P.) India**	**http://www.hotelidealtower. com/**	**info@hotelidealtower.com idealtower@yahoo.co.in**	**+91(542) 2503391-94**	**+91(542) 2503396**

THREE STAR HOTEL

Sl. No.	Name of Hotel	Address	Website	Email Address	Telephone Number	Fax Number
1.	**Hotel De Paris** Varanasi	15, The Mall Cantt (Uttar Pradesh) - Varanasi 221 002 - India	Not Available	**deparisvns@hotmail.com**	**+91(542) 2505131 up to 138**	**+91(542) 2502487**

GOVERNMENT APROVED HOTEL

Sl. No.	Name of Hotel	Address	Website	Email AQddress	Telephone Number	Fax Number
1.	**Diamond Hotel**,	Bhelupur, Varanasi, 221001, India	**http://www.hotel-diamond.com/**	**reservations@hotel-diamond.com diamotel@satyam.net.in**	**+91 542 2276696 (4 lines)**	**+91 542 2276703**

A. Map of Varanasi: http://www.holidayiq.com/destinations/Varanasi-Map.html

B. India Tourism, 15-B The Mall, 0542 2501784, E-mail:indiatourvns@sifymail.com, Website: incredibleindia.org

C. Cars on rent: http://yellowpages.webindia123.com/dpy/Uttar+Pradesh/Varanasi/Travel+Agencies/1/