

### ►► Important Deadlines

Submission of Abstracts	31 May 2009
Notification of Acceptance of Abstracts	10 June 2009
Registration Deadline	31 June 2009

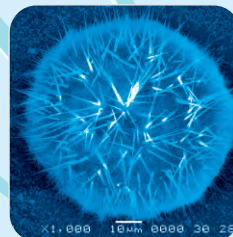
### ►► Accommodation

Please visit the conference website for details.

### ►► Abstract Submission:

Guidelines for the Abstract Preparation and Submission are posted on our web link

[www.ncl-india.org/ntafm/cam/abstractSub.htm](http://www.ncl-india.org/ntafm/cam/abstractSub.htm)



### ►► Correspondence

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WE ENCOURAGE YOU TO VISIT  
THE SYMPOSIUM WEBSITE REGULARLY  
FOR THE UPDATES

[www.ncl-india.org/ntafm](http://www.ncl-india.org/ntafm)

ANNOUNCEMENT AND CALL FOR PAPERS

# International Workshop on Nanotechnology and Advanced Functional Materials

July 9-11, 2009



Organized by

Materials Research Society of India (Pune Chapter)

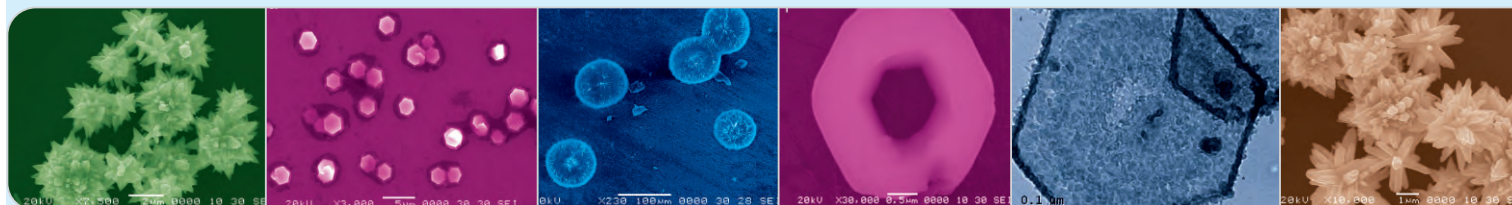
National Chemical Laboratory, Pune

Indian Institute of Science Education and Research, Pune



Venue

National Chemical Laboratory, Pune, India



## »» About Workshop/Programme

The organizing committee cordially invites you to participate in the International Workshop on "Nanotechnology and Advanced Functional Materials" to be held at the National Chemical Laboratory (NCL) Pune between 9-11<sup>th</sup> July 2009. It is being organized jointly by the Materials Research Society of India (Pune Chapter), National Chemical Laboratory, Pune and Indian Institute of Science and Education Research (IISER), Pune.

During the past decade the field of Nanotechnology has emerged as a frontier research area due to its enormous promise for novel applications to diverse fields of human endeavor such as biomedical sciences (drug delivery, therapy, hyperthermia, advanced imaging), defence (smart and light systems), aerospace (engineered surfaces and composites), agriculture, energy (solar cells, fuel cells, batteries), environment (gas, humidity, bio-sensors), consumer electronics and advanced device systems, special paints and coatings etc. Intense research is now in progress worldwide to realize this promise via controlled nano-synthesis, appropriate functionalization of nano-materials, self assembly or templated assembly of nanostructures, integration of nano-materials with other materials to generate functional nano-composites, development and implementation of novel device concepts highlighting the special quantum features of nano-materials and so on. This effort synergistically covers a broad range of multidisciplinary activity encompassing a spectrum of size, shape and function integrations over nano to macro scale. In the proposed workshop we intend to bring together experts, post-docs and students who are working in this field with a view to capture its spirit and unravel its promise. In particular we propose to highlight how the fields of nanotechnology & advanced functional materials, which are the vehicles for the implementations of applications, relate to and reinforce one another.

The program of the workshop will comprise of plenary, keynote and invited talks, limited number of oral presentations and many poster presentations. We invite contributions in areas such as :

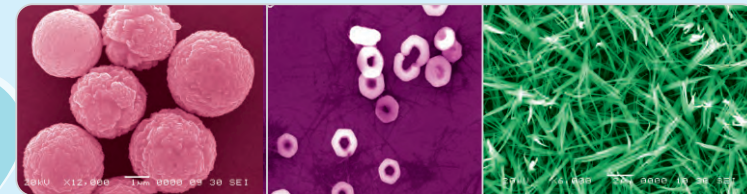
- ▶ Nanotechnology
- ▶ Nanocomposites
- ▶ Hybrid Materials
- ▶ Materials for energy applications
- ▶ Molecular and Flexible electronics
- ▶ Materials for biomedical applications
- ▶ Soft Functional Materials etc.

## »» Confirmed Invited speakers

- ▶ Prof. C. N. R. Rao, JNCASR, India
- ▶ Prof. Paul Weiss, Penn State, USA
- ▶ Prof. A. Madhukar, Univ. Southern California, USA
- ▶ Prof. Ajay Sood, IISc, Bangalore, India
- ▶ Prof. Haiwon Lee, Hanyang Univ. S. Korea
- ▶ Prof. Nitin Padture, Ohio State, USA
- ▶ Prof. S. H. Han, Hanyang Univ, S. Korea
- ▶ Prof. Arup Raychaudhary, S. N. Bose, Kolkata, India
- ▶ Prof. K.N. Ganesh, IISER, Pune, India
- ▶ Prof. D.D. Sarma, IISc, Bangalore, India
- ▶ Prof. S. B. Krupanidhi, IISc, Bangalore, India
- ▶ Prof. T. Pradeep, IIT Madras, India
- ▶ Dr. G. Sundararajan, ARCI, Hyderabad, India
- ▶ Prof. Ashutosh Sharma, IIT, Kanpur, India
- ▶ Dr. J. Y. Yakhmi, BARC, Mumbai, India
- ▶ Prof. Pushan Ayyub, TIFR, Mumbai, India
- ▶ Dr. Xingyu Gao, NUS, Singapore
- ▶ Dr. G. Rajeswaran, MoserBaer, Delhi, India

## »» Invited Speakers to be Confirmed

- ▶ Prof. Kohei Tamao, Riken, ASI, Japan
- ▶ Dr. Supratik Guha, IBM, Yorktown Heights, USA



## »» About Pune

The International Workshop will be held in the city of Pune, erstwhile capital of the Marathas. Pune is a place where the past meets the present. Traditionally known for its educational and research establishments, Pune is a multifaceted city. It is a major industrial centre and is home to major auto and software industries. Pune has pleasant climate all the year round. Pune can be reached by air, train and by road and is well connected to major metropolises in India. The average maximum and minimum temperatures in the first week of June are 33° C and 23° C.

## »» Registration Fee Structure

Faculty / Research Scientists (India)	Rs. 2000/-
MRSI Members	Rs. 1500/-
Research Scholars / Students (India)	Rs. 1000/-
Accompanying Person (India)	Rs. 1000/-
Industrial Personnel (India)	Rs. 5000/-
Faculty / Research Scientists (Foreign)	USD 300
Accompanying person (Foreign)	USD 150
Research scholars / Students (Foreign)	USD 200
Industrial Personnel (Foreign)	USD 500

The registration facility is available at

[www.ncl-india.org/ntafm/conf/registration.jsp](http://www.ncl-india.org/ntafm/conf/registration.jsp)