

ICAFM 2014

ICAFM 2014

International Conference on Advanced Functional Materials

February 19-21, 2014
Thiruvananthapuram, Kerala, India.

Organized by



CSIR-National Institute for Interdisciplinary Science and Technology (NIIST)
Council of Scientific and Industrial Research

In association with



IIM
Metallurgy
Materials Engineering

The Indian Institute of Metals (IIM)
Trivandrum Chapter



Indian Ceramic Society (InCerS)
Kerala Chapter



Material Research Society of India (MRSI)
Trivandrum Chapter



The Society for Polymer Science (India)
Trivandrum Chapter

Web: <http://www.niist.res.in/icafm2014> e-mail : icafm2014@niist.res.in



ICAFM 2014



Light House, Kovalam

About the Conference

The organizing committee cordially invites you to participate in the "International Conference on Advanced Functional Materials" during 19-21 February 2014 which is being organized by CSIR-NIIST in association with leading scientific societies like The Indian Institute of Metals- Trivandrum Chapter, Materials Research Society of India - Trivandrum Chapter, Indian Ceramic Society - Kerala Chapter and The Society for Polymer Science (India), Trivandrum Chapter. The first ICAFM was organized in December 2009 and was well received by global scientific community. ICAFM-2014 is the second in the series to provide a platform to discuss recent trends in Advanced Functional Materials.

With the rapid development of Science and Technology, the functionalization of materials and their applications attract more attention in scientific and engineering fields. The development of advanced functional materials at the levels of micro and nano scale has grown rapidly due to requirement from areas such as energy, consumer electronics, infrastructure, defence, and health care sectors. Further progress in development of functional materials needs interaction and sharing of new knowledge with scientists, academicians, students and researchers working in similar areas.

The purpose of this conference is to create awareness on the current research in various fields of advanced functional materials. Further this will provide a platform where young researchers and scientists can exchange ideas and create an environment for collaborative endeavours in emerging frontier interdisciplinary areas. The program of the conference will comprise of plenary/invited talks and oral/poster presentations.

Conference Themes

- Electronic and Functional Ceramics
- Energy Storage Materials
- Ferroelectric and Multiferroic Materials
- Flexible Electronics
- Functional Composites and Biomaterials
- Functional Nanomaterials and Coatings
- Light Emitting Materials and Devices
- Magnetic Materials and Thin Films
- Metals and Alloys
- Polymer Nanocomposites and Hybrid Materials

Special Thematic Sessions

- Microwave Materials and Devices
- Superconducting Materials



ICAFM 2014

Patrons

Samir K Brahmachari, CSIR
K. Radhakrishnan, ISRO

C.N.R. Rao, JNCASR
Ratan Kumar Sinha, DAE

International Advisory Committee

Ayyappanpillai Ajayaghosh, India
Ali Gencer, Turkey
Chun-Sing Lee, Hong Kong
Heli Jantunen, Finland
Hitoshi Ohsato, Japan
Ian Reaney, UK
Kohji Tashiro, Japan
Lambert Alff, Germany
Mahendra Sunkara, USA
Manfred Stamm, Germany
Matjaz Valant, Slovenia
Hassanzadeh, France
Paula Vilarinho, Portugal
Rick Ubic, USA
Rilton A. de Freitas, Brazil
Robert Moreira, Brazil
Suraj K. Patil, USA
Tamer Uyar, Turkey
Wilfried Goldacker, Germany

National Advisory Committee

Amol A. Gokhale, DMRL, Hyderabad
A.K. Chattopadhyay, TRL Krosaki Refractories Ltd., Kolkata
M. Chandra Dathan, LPSC, Thiruvananthapuram
M. Chakraborty, IIT, Bhubaneswar
Dhananjay Pandey, IIT (BHU) Varanasi
Indranil Manna, IIT, Kanpur
R.N. Patra, IREL, Mumbai
Praveen Chaddah, UGC-DAE, New Delhi
V.N. Rajasekharan Pillai, KSCSTE, Thiruvananthapuram
S. Ramakrishnan, VSSC, Thiruvananthapuram
Srikanth Joshi, ARCI, Hyderabad
S. Srikanth, CSIR-NML, Jamshedpur
D.K. Srivastava, VECC, Kolkotta
G. Sundararajan, ARCI, Hyderabad
M.K. Surappa, IIT, Ropar
K.B.R. Verma, IISc, Bangalore
Vijayamohan Pillai, CSIR-CECRI, Karaikudi
Vikram Jayaram, IISc, Bangalore

Local Organizing Committee

Chairman : Suresh Das
Convener : Manoj Raama Varma
Vice-Chairmen : M. T. Sebastian & U. Syamaprasad
Co-conveners : U.T.S. Pillai & T.P.D. Rajan

Members

Ajith M.R, VSSC	Menon A.R.R, NIIST	Roy Joseph, SCTIMST
Ajit Haridas, NIIST	Moni V, NIIST	Saju Pillai, NIIST
Ananthakumar S, NIIST	Narayanamurthy S.V.S, VSSC	Sankaran T.V, NIIST
Ashok Pandey, NIIST	Narayanan Unni K.N, NIIST	Shaji M.C, NIIST
Bhoje Gowd E, NIIST	Pai B.C, NIIST	Sobhana S, NIIST
Biswapriya Deb, NIIST	Prabhakaran K, IIST	Sree Kumar M.M, NIIST
Devasis M.R, NIIST	Prabhakar Rao P, NIIST	Srinivasan A, NIIST
George Thomas, IISER	Raju N.S, NIIST	Sundaresan A, NIIST
Gowri C, VSSC	Ramaiah D, NIIST	Surendran K.P, NIIST
Hareesh U.S, NIIST	Ramesh Narayanan P, VSSC	Suresh M.R, VSSC
Harikrishna Bhat, NIIST	Ravi M, NIIST	Sundararajan M, NIIST
Harikrishna Varma P.R, SCTIMST	Reddy M.L.P, NIIST	Vasundhara M, NIIST
Joshy Joseph, NIIST	Reghunathan Nair C.P, VSSC	Vijayakumar C, NIIST
Kuruvila Joseph, IIST	Ribin Jones S.B, NIIST	Warrier K.G.K, NIIST
		Yoosuf K, NIIST

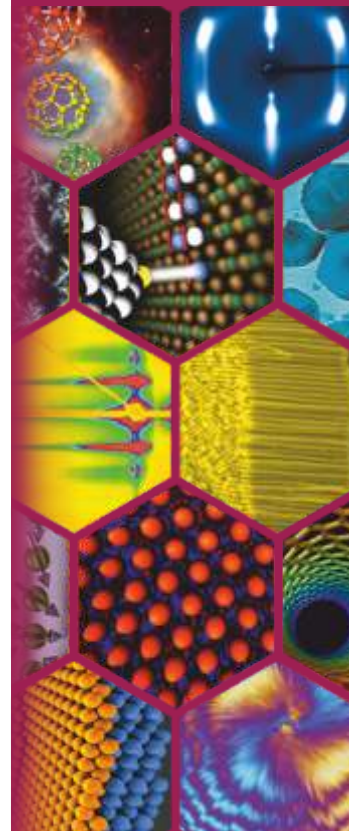
A souvenir consisting of abstracts of the scientific papers/posters, advertisements and general information will be published on the occasion of ICAFM-2014. The organizing committee requests all the well wishers / participants to render their fullest support by way of providing advertisements / scientific inputs in the souvenir.

Registration Fee

Category	Early Bird Registration (Before December 31, 2013)		Late Registration (After December 31, 2013)	
	India (?)	Abroad USD (\$)	India (?)	Abroad USD (\$)
Academic/ R&D Participants	5000	450	6000	500
Student Registration	2000	200	2500	250
Industry Registration	7500	500	8500	550
Accompanying Person	2000	200	2500	250

Advertisement charges

Category	Charges (₹)
Back cover	50,000
Folded back cover	30,000
Inside front cover	30,000
Folded front page	30,000
Full page colour	20,000
Half page colour	10,000



Sponsorships

Category	Fees (₹)	Facilities
Platinum	5 Lakhs	5 Free delegates, 1 full page colour advertisement & display of logo at the venue
Diamond	3 Lakhs	4 Free delegates, 1 full page colour advertisement & display of logo at the venue
Gold	2 Lakhs	3 Free delegates, 1 full page colour advertisement & display of logo at the venue
Silver	1 Lakh	2 Free delegates, 1 full page colour advertisement & display of logo at the venue

Exhibition

The organising committee expects nearly 400 delegates and eminent experts in the fields of functional materials to the conference. This is an appropriate occasion for the industries to exhibit their products, instruments, machinery, etc., for excellent visibility. This also provides a good opportunity to discuss with experts on the future business scope in the field of functional materials.

Size of the Exhibition Stall and applicable charges

3 meter X 3 meter ₹ 50,000/-

Call for Papers

Abstracts are invited in the form of oral and poster presentations. Those desirous of presenting papers in the conference are requested to submit one page abstract which has original contributions of ongoing/completed unpublished research work along with the completed registration form. Format for submitting abstract is available in the ICAFM-2014 website.

Important Dates

Abstract submission closes on : 30 November 2013

Acceptance of abstracts : 10 December 2013

Early-bird registration ends on : 31 December 2013

Accommodation

Accommodation at discounted tariffs will be arranged in different category hotels in vicinity of the conference venue. The details of the hotel and tariffs will be displayed on the ICAFM-2014 website soon. Accommodation for the delegates will be confirmed only on receipt of the accommodation charges well in advance. Local transportation to conference venue and back will be arranged for those members who book their accommodation through the conference secretariat.

General Information

Thiruvananthapuram, formerly known as Trivandrum is the state capital of Kerala and is located in the south-western tip of India, bound by the Arabian Sea in the west and Tamil Nadu in the east. Thiru-vanantha-puram is named after Anantha Padmanabha and the city is home to many ancient temples. But the landmark is the Sree Padmanabha Swamy Temple around which the city has been built on seven low hills. The city referred as "Evergreen City of India", by Mahatma Gandhi still retains its past glory and charm. A long shoreline with internationally renowned beaches, historic monuments, backwater stretches and a rich cultural heritage make this district a much sought-after tourist destination.

The National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram, is a constituent laboratory of the Council of Scientific and Industrial Research (CSIR). Established as CSIR complex in 1975, it was renamed as Regional Research Laboratory in 1978 and later as National Institute for Interdisciplinary Science and Technology in 2007. The institute is engaged in R & D programs in areas related to Materials Science and Technology, Agroprocessing, Chemical Sciences, Biotechnology, and Process Engineering and Environmental Technology. Currently NIIST is one of the leading laboratories of CSIR and focuses research on the interface between chemistry & materials and chemistry & biology. The institute also has emphasis on Human Resource Development by training high quality post graduate/graduate students in interdisciplinary research areas. Please visit www.niist.res.in for more details.

Venue

The conference will be held in Mascot Hotel, Kerala Tourism Development Corporation (KTDC), Thiruvananthapuram

Registration

Registration and abstract submission details are available in the conference website <http://www.niist.res.in/icafm2014>

Contact

Convener: Dr. Manoj Raama Varma
Tel: +91-471-2515 377 (O)
+919447324636 (M)

Co-Conveners: Dr. U. T. S. Pillai
Tel: +91-471-2515 236 (O)
+919447882883(M)

Dr. T. P. D. Rajan
+91-471-2515327(O)
+919447035439 (M)

Conference Secretariat

CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST)
Industrial Estate P.O., Pappanamcode
Thiruvananthapuram - 695019, Kerala, INDIA
Tel: 91-471-2515377 Fax: +91-471-2491 712 ,
e-mail: icafm2014@niist.res.in
website <http://www.niist.res.in/icafm2014>



Padmanabhaswami Temple