

Accommodation

We are trying to accommodate all the invited speakers on campus. Local hospitality for the invited speakers will be taken care of by the organizing committee (15th – 17th Jan 2012).

Abstracts

Abstracts should be limited to 200 words and may include one figure/graph. The template for abstract preparation can be found in the workshop webpage. The abstract and a half-page biodata of the presenting author along with a recent photograph should be sent to the conference secretariat by email.

Abstract deadline: 10th November, 2011.

URL: www.mme.iitm.ac.in/nvrk/acf-2012.html



Conveners

Dr. rer. nat. Ravi Kumar, N. V
*Department of Metallurgical & Materials Engineering,
IIT Madras*

Dr. R. Jayaganthan
*Department of Metallurgical & Materials Engineering
& Center of Nanotechnology,
IIT Roorkee*

Organizing Committee

Dr. M. Balasubramanian, IIT Madras

Dr. S. S. Bhattacharya, IIT Madras

Dr. Ashutosh Gandhi, IIT Madras

Dr. T. S. Sampath Kumar, IIT Madras

Dr. K. C. Hari Kumar, IIT Madras

Dr. Ranjit Bauri, IIT Madras

Dr. Srinivasa Rao Bakshi, IIT Madras

Mr. U. Divakaran, InCerS, Chennai

Registration

**15th January, 2012: From 05:00 PM to 07:00 PM and
16th January, 2012: From 08:00 AM onwards.
Venue: ICSR Auditorium**

For further information

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Secretariat
keramik2012@gmail.com

International Workshop on Advanced Ceramics for the Future (ACF-2012)

16th & 17th January, 2012

Venue

ICSR Auditorium
Indian Institute of Technology - Madras
Chennai – 600 036, INDIA.

Organized by



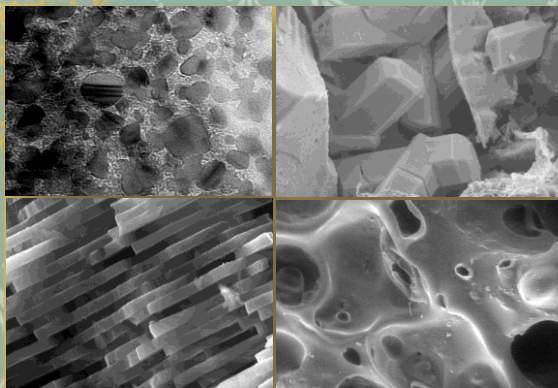
Department of Metallurgical and Materials Engg.,
IIT Madras, Chennai 600036.

In association with

Department of Metallurgical and Materials Engg.,
IIT Roorkee,
&
Indian Ceramic Society (InCerS),
Tamil Nadu Chapter.

Event sponsored by





Scope

This workshop is intended to bring ceramic scientists from academics to industry together on a single platform to discuss future trends of ceramics in the areas of energy, environment, security on land and in the marine world. The need for interdisciplinary research has become inevitable and has brought materials scientists, chemists, physicists, biologists and engineers to work together to solve technological problems of the modern world. This workshop intends to serve that purpose by inviting eminent scientists who can connect science and technology. This workshop has only invited oral presentations. Participation by industries, labs and other academic institutions is possible by paying the registration fees.

The topics of interests include:

*Advanced structural UHT ceramics (oxides, carbides, nitrides),
Precursor derived ceramics,
Fuel cell materials,
Composites,
Coatings,
Membranes,
Porous ceramics & foams,
Piezoelectric ceramics,
Thermodynamics,
Modeling & simulation,
Bioceramics & biomimetics,
Evaluation of properties (mechanical, electrical, optical, magnetic).*

About IIT Madras

Indian Institute of Technology Madras is one of the finest engineering and technology schools in India. Founded in 1959 with the technical aid from German Government, IIT Madras is recognized as an Institute of National Importance by the Government of India. The institute offers degree programs at both undergraduate as well as graduate levels across fifteen departments. With advanced research centers of various disciplines headed by faculty of international repute, the institute has established itself as a premier centre for teaching, research and industrial consultancy in the country.

Located at the heart of Chennai, IIT Madras is a residential, self-contained campus in a wooded land of 250 hectares. The campus is a protected forest and has a natural lake which drains most of the rainwater. Besides, it remains a home to blackbucks, spotted deer and other wildlife. A walk around the campus provides with an experience of being close to nature.



Invited Speakers

- Prof. Dr. Fritz Aldinger**,
MPI, Germany
- Prof. Dr. G. Sundararajan**,
ARCI, India
- Prof. Dr. Indranil Manna**,
CGCRI, India
- Prof. Dr. Ralf Riedel**,
Technische Universität Darmstadt, Germany
- Prof. Dr. Vikram Jayaram**,
IISc, India
- Prof. Dr. Hans-Joachim Kleebe**,
Technische Universität Darmstadt, Germany
- Prof. Dr. Siegfried Schmauder**,
University of Stuttgart, Germany
- Prof. Dr. Philippe Miele**,
UMR CNRS 5635 – UM2, France
- Dr. K. G. K. Warrior**,
NIIST, India
- Dr. K. V. Govindan Kutty**,
IGCAR, India
- Dr. -Ing. Uwe Schulz**,
German Aerospace Centre, Germany
- Dr. habil. Markus Weinmann**,
H. C. Starck GmbH, Germany
- Prof. Dr. Snezana Boskovic**,
Institute of Nuclear Sciences, Serbia
- Dr. Samuel Bernard**,
UMR CNRS 5635 – UM2, France
- Prof. Dr. Hui Gu**,
Shanghai Institute of Ceramics, China
- Dr. rer. nat. Branko Matovic**,
Institute of Nuclear Sciences, Serbia
- Dr.-Ing. Martin Günthner**,
Universität Bayreuth, Germany
- Dr. S. Packirisamy**,
VSSC, ISRO, India
- Dr. Sukumar Roy**,
CTI/BHEL, India
- Dr. rer. nat. See Hoon Lee**,
Korea Institute of Materials Science, South Korea
- Dr. rer. nat. Nuri Solak**,
Istanbul Technical University, Turkey
- Prof. Dr. G. Ramanath**,
RPI, USA
- Dr. Emanuel Ionescu**,
Technische Universität Darmstadt, Germany
- Prof. Dr. Gnanam**,
Anna University, India