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ENERGY CONCLAVE 2010 - EVENTS

8 JANUARY
New Paradigms for Energy Policy and Regulation

9 JANUARY
Civilian Nuclear Energy

10-12 JANUARY
Advances in Combustion and Transportation

13 JANUARY
Photovoltaic Science and Technology

14 JANUARY
Hydrogen & Energy Storage

15 JANUARY
Smart Energy Delivery Systems

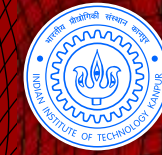
Participants interested to register in more than one event of the conclave may visit Conclave website for registration details including applicable fee.

CONCLAVE WEBSITE

<http://www.iitk.ac.in/GJEC2010>

WORKSHOP WEBSITE

Please visit workshop website for downloading brochure registration form and updates
<http://www.iitk.ac.in/comb>



Golden Jubilee
Aug 2009 - Dec 2010



Indian Institute of Technology Kanpur

ENERGY CONCLAVE 2010

Workshop on

Advances in Combustion and Transportation

January 10-12, 2010



<http://www.iitk.ac.in/comb>

INTRODUCTION

Combustion as a science has developed remarkably over the last few decades and has helped in improving the efficiencies of various processes like power generation, automobile engines, gas turbine, rocket engines and various other industrial processes. However, looking at the rapidly increasing energy demand, limited supply of fossil fuels and increased concern over global warming due to emissions, lot more needs to be done to further improve the system, efficiencies, identification/invention of alternative sources of energy, development of reusable technologies and development of cleaner technologies.

This workshop, a part of **Energy Conclave 2010**, discusses the new emerging technologies for combustion modeling, diagnostics and control as well as the advances in renewable energy and clean combustion technologies and brings together active contribution of researchers from academia, industries and research institutions. The directions of future research are identified that will greatly help the combustion community.

AGENDA

The topics included in this workshop are:

- Flames/Fire science and fire safety
- Emissions (Regulated and unregulated)
- Gas turbine and power generation
- Internal combustion engines and power generation
- New/Renewable Fuels
- Novel combustors and Sprays
- Combustion modeling
- Alternative fuels for large bore engines
- Alternative fuels for aviation
- Combustion dynamics
- Energy environment nexus
- Panel discussion

WHO SHOULD ATTEND

The conclave is an excellent opportunity for all interested in the field of energy research and development. Delegates can attend all the events or alternatively choose any number of days, as per their interests. The following category of participants are welcome: Students, Professional and Practicing Engineers, Industry participants, Scientists.

LEAD SPEAKERS

The lead speakers for the workshop include leading practitioners and academicians from renowned institutions within and outside the country. Some of the lead speakers for the workshop include

- Prof. Ernst Wintner, TU Vienna
- Mr. Doug Longman, Argonne Ntl. Lab Chicago
- Prof. Razi Nalim, Purdue University
- Prof. Kalyan Annamalai, Texas A&M
- Prof. A. Ramesh, IIT Madras
- Dr. S. S. Thipse, ARAI, Pune
- Dr. M. L. Gupta, FAA
- Dr. Marco Ganser, Ganser AG, Switzerland
- Dr. A. K. Runchal, ACRi CFD, USA
- Prof. R I Sujith, IIT Madras
- Prof. A. B. Gupta, MNIT Jaipur
- Prof. Suresh Aggarwal, University of Chicago
- Prof. S. R. Chakraborty, IIT Madras

SCHEDULE AND VENUE

Schedule : January 10-12, 2010

Venue : Outreach Auditorium, IIT Kanpur

For logistical details, please see conclave website.

REGISTRATION FEE STRUCTURE

CATEGORY	REGISTRATION FEE	AFTER 25 DEC.
Academic Institutions	Rs. 2000	Rs. 3000
Corporate/Regulatory Institutions/ R & D Orgns.	Rs. 4000	Rs. 5000
Students	Rs. 500	Rs. 800
Students (Accepted Posters)	NIL	NIL

Registration form & other details can be accessed from

<http://www.iitk.ac.in/GJEC2010>

WIN PRIZES IN POSTER COMPETITION

Entries are invited from researchers, graduate and post-graduate students including research scholars for posters based on a research paper. These could be related to the broad theme of the event. Guidelines for poster submission and prizes can be obtained from workshop website.

REGISTRATION FORM

ENERGY CONCLAVE 2010

Workshop on Advances in Combustion and Transportation

January 10-12, 2010

Name: _____

Designation: _____

Organisation: _____

Gender (for accommodation): M F

Accommodation Required: Y N

Correspondence Address: _____

_____ PIN:

Phone: _____ Fax: _____

E-mail: _____

Qualification: _____ Experience (years): _____

DD/Cheque No.: _____ Dated: _____

Amount Rs.: _____ Drawn on: _____

[Pay by DD/multi-city cheque in favour of "Director, IIT Kanpur" payable at Kanpur. Please write your name and event name on the back side of DD/Cheque.]

Category :

Academic Institutions Students

Corporate / Regulatory Institutions / R&D Organisations

(Signature of Participant)

Note: Students should get the form countersigned from the head of the institution/Department

Please send this form along with DD to

Dr. Avinash Agarwal

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