

ADC 2005 -- Update
4th Asia Pacific Drying Conference 2005
Science City, Kolkata, India
December 13 - 15, 2005

Organised by: Central Mechanical Engineering Research Institute
Durgapur 713209, West Bengal, India

Scope & Objective

ADC fosters intimate interaction among the experts in drying technology from both academia and industries and thereby promotes effective network to facilitate research and R & D collaboration. ADC 2005 intends to highlight a broader spectrum of topics involving the most recent and exciting research and development in drying.

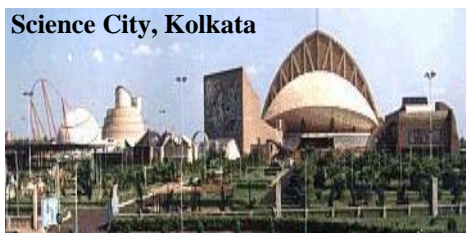
Conference Venue

ADC 2005 will be held at Science City in Kolkata - the vibrant city of joy in India, a city with diverse culture, religion and traditional values, a city which comfortably connects a number of places of interest and pride in West Bengal and India.

Conference Topics

The technical program will include Keynote lectures, parallel technical session and poster presentation. Emphasis will be given in the following areas:

- Drying equipment and processes
- Drying theory and fundamentals
- Drying of food, grains and agricultural produces
- Drying of chemicals and minerals
- Drying of paper, wood and textiles
- Modeling and simulation
- Solar/non-conventional energy in drying
- Energy and environmental aspects
- Quality aspects in drying
- Miscellaneous topics



Call for papers

Extended abstract in English within 500 words (A-4 size paper) should be sent both electronically (in MS Word) and in three hard copies mentioning the name(s) of authors, affiliations, addresses, phone, fax and e-mail.

Important Dates

Submission of Abstract: **April 30, 2005**
Notification of Acceptance: **May 15, 2005**
Submission of full paper: **August 31, 2005**

Organizing Committee

- Chief Patron:** Dr R A Mashelkar, FRS, Director General, CSIR & Secretary, Dept. of Science & Technology Government of India
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Dr B N Thorat, UMICT, Mumbai, India
 - **Conference Secretary:** Dr K M Kundu, CMERI, Durgapur, India
 - **Organising Secretary:** Dr A B Datta, CMERI, Durgapur, India

Registration Fees

	India	Developed countries	Developing countries
Academics	INR 4000	US \$300	US \$150
Students	INR 2000	\$200	\$100
Industry	INR 6000	\$350	\$200
Small scale Industry	INR 4000	N/A	N/A

Conference Speakers

Plenary Lecture

Prof A S Mujumdar, National University of Singapore

Keynotes / invited lectures

Prof D S Jayas, Univ. of Manitoba, Canada
Drying of non-food products

Prof Z Pakowski, Lodz, Poland
Application of nano-technology in drying

Prof M N A Hawladar, National University of Singapore
Solar drying -- new developments and potential

Prof Bhesh Bhandari, Univ. of Queensland, Australia
Glass transition related phenomena in dried materials

Prof H J Park, Korea University, South Korea
Microencapsulation of food grain - recent development

Prof D J Lee, National Taiwan University, Taiwan
Development of sludge drying and management

Prof W Ramli W Daud, University of Kebangsaan Malaysia
Fluidized bed drying, -- recent advances

Prof Shyam S Sablani, Sultan Quaboos University, Oman
Drying in food and bio-processing

Prof Guohua Chen, Hong Kong Univ. of Science & Technology, China

A few more expected, some of which are:

Prof G S V Raghavan, McGill University, Canada
Drying of fruits and vegetables

Prof S Soponronnarit, KMUTT, Thailand
Latest development of rice drying in South East Asia

Prof X D Lieu,
Pulse combustion in drying

Prof G Srzednicki, Univ. of New South Wales, Australia
Drying of seeds and grains

Prof Tim Langrish, University of Sydney, Australia
Application of CFD in drying

Workshop

It is proposed to hold a **One Day Workshop** lectured by **internationally recognized experts on Food and Dehydration technologies**. Details will be given in the next announcements.

ADC Proceedings

ADC Proceedings containing keynotes/invited papers and abstracts will be provided in a book form as well as in a CD.

International Advisory Panel

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Members

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Dr G Srzednicki	Australia, Philippines
Prof B K Bala, Bangladesh	Bangladesh, Bhutan, Nepal, Shri Lanka, Pakistan
Prof G S V Raghavan, Canada	Canada, USA, European Countries
Dr K M Kundu/Dr A B Datta,	India
Prof A S Mujumdar, Singapore	Singapore, Vietnam and ASEAN

Accommodation

Accommodation will be booked on request with necessary advance. Accommodation of different ranges is available. For foreigners the expenditure on accommodation will be of the order of US \$ 50 to \$100 daily. Special concessional arrangement will be made for student participants, if required.

CMERI, The Organizer

Established in 1958, The Central Mechanical Engineering Research Institute (CMERI), Durgapur is a premier national R& D laboratory in Mechanical and allied Engineering under the aegis of CSIR (Council of Scientific & Industrial Research), New Delhi. As the only national-level research institute in this field, CMERI's mandate is to facilitate innovations and inventions, develop relevant technology and serve industry to minimize India's dependence in strategic and economic sectors and to establish Indian talent in international field.

Places of interest and visits

Kolkata , the Gateway of Eastern India is well-connected to all important places by air, rail/road ways and is surrounded by attractions of nature and of history and religion. **Preconference Visits (2 - 3 days)** are proposed. Response on willingness is requested so that details can be planned .

A few of the important places of interest and visits nearby are:

Shantiniketan : The work place of the great Bengalee poet and Noble Laureate Rabindranath Tagore. It is famous for the great work of art and culture and the University.

Belur math , : the work place of the great saint and Hindu philosopher Swami Dakshnineswar Vivekananda and his guru Shri Ramakrishna symbolizing the harmonious blend of the real and spiritual life, -- very near to Kolkata.

Darjeeling, Mirik : A famous hill station with a view of the of the Everest peak of the Himalayas with hypnotizing colours; --about half an hour air journey from Kolkata.

Gorumara : A native place of wild life specially famous for Rhinos (single horn) -- Connected from Shiliguri near Darjeeling.

Budh Gaya, Saranath : the places carrying the impressions of Lord Buddha with the spiritual ideas of renunciation. The famous age old Nalanda university(Buddhist) in ruins nearby still reminds of the religious and spiritual peaks attained in those days. The age old temples and sculptures of Khajuraho reminds us of the depth of religion and sculpture in those days.

Puri : Famous sea beach spots giving the full view the sea , its
Konarak gorgeousness impresses all. The world famous SUN temple at
Konarak still stands through the ages reminding of the great
ancient sculpture and culture in India.
Udaygiri and Khadagiri nearby reminds of the great sculpture
of Buddhas and Jains.

Sundarvans : The native place of wild life specially 'The Royal Bengal tiger' in
the natural environment, -- near Kolkata connected by
interesting river journey.

Contact

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