University of Hyderabad
Centre for Modelling Simulation and Design
and
Advanced Centre for Research in High Energy Materials
are jointly conducting
WORKSHOP ON
COMPUTATIONAL FLUID DYNAMICS
(Sponsored by DST, NEWDELI)
SEPTEMBER 21 – 25, 2010

Objectives of the Workshop
- Familiarize basic concepts of Computational Fluid Dynamics
- Applications of CFD Techniques in Aerospace, Mechanical, Chemical and Civil Engineering problems.
- Hands-on session on grid generation and CFD solver.

About the Workshop
The workshop is so designed that the participants would learn the fundamental aspects of CFD techniques from the experts, from the academia. Experts from industry will share their experiences on application of CFD techniques in designing practical systems. Participants will get opportunity to gain hands-on experience on grid generation and solver from advanced CFD packages.

Selection of Participants
Eligibility criteria:
- Candidates with background relevant to the workshop at post-graduate level.
- Candidates with recent interest in simulation and modeling of complex systems.

Submission of application:
- Application form can be downloaded from the [URL provided]. The form is to be filled by the Head of the Institution/Department/Research Supervisor (in case the case may be) with specific recommendations.
- The application should be accompanied by a recent photo (of about two pages).
- The candidate is expected to make use of the training at CMSD in the future research projects.
- The selection of participants will be made on the basis of the concept note, and will be based on proven background knowledge of the applicant in the subject area and on the content of the concept note. The number of participants for the Workshop is limited to 50.

Registration Form
Please download registration form from [URL provided].

Kindly fill ALL the requested information:
Name:
Designation:
Affiliation:
Address:
(Continental Phonograph):
E-mail:

Applying for Scholarship YES/NO
(To be filled if not applying for Scholarship)

Day                  Workshop Topics                  Potential Speakers
21-09-10              CFD Fundamentals               Prof. S.A. Deshpande (IITB)
                      CFD Fundamentals               Prof. N. Balakrishnan (IITB)
                      CFD Fundamentals               Dr. K. Amandharanayanan (IITB)
22-09-10              Turbulence                     Dr. Sekhar Majumdar (IITB)
                      Turbulence                     Prof. S. Sarkar (IITK)
                      Turbulence                     Prof. P. Kumar (IITB)
23-09-10              Modelling in CFD                  Prof. C. Subbarao (IITB)
                      Modelling in CFD                  Prof. S. Mittal (IITK)
                      Potential                          Prof. C. Subbarao (IITB)
24-09-10              CFD in heat transfer and flame                     Prof. C. Subbarao (IITB)
                      CFD in heat transfer and flame                     Prof. S. Mittal (IITK)
                      CFD in heat transfer and flame                     Prof. C. Subbarao (IITB)
25-09-10              CFD in multi-disciplinary                          Prof. A. Chatterjee (IITB)
                      CFD in multi-disciplinary                          Prof. A. Chatterjee (IITB)

Annexure:
- All payments will be made payable to "Finance Office, University of Hyderabad"
- Registration forms to Workshop Secretary: Note: Can be also sent by email:
- All dates are subject to change
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- All dates are subject to change

The correspondence for workshop will be handled by Workshop Secretariat:
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PunY. Venugopalan, Director, DOIL, Hyderabad

Organizing Committee
S. P. Trivedi, Director, CSD
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K. R. Muthy, Head, Department of Aerospace Engineering
C. A. M. Kambay, Head, Department of Aerospace Engineering
M. Durga Prasad, Head, Department of Aerospace Engineering

Workshop Faculty
Prof. C. H. Rao, IITB, Bangalore
Prof. P. B. R. S. N. R. Murthy, IITB, Bangalore
Prof. V. V. S. S. R. Saty, IITB, Bangalore
Prof. K. R. Muthy, IITB, Bangalore
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Prof. M. Durga Prasad, IITB, Bangalore