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, NEWDELHI)
SEPTEMBER 21 – 25, 2010

Objectives of the Workshop
- To 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 get 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, with knowledge of mathematics at graduate level.
- Candidates with research interests in simulation and modeling of complex systems.

Submission of application:
- Application form can be downloaded from the CMCS website (a printed form is provided below), and filled form is to be forwarded by the head of the Institution/Department/Research Supervisor (in case may be) with specific recommendation.
- The application should be accompanied by a concept note (of about two pages) on how the candidate proposes to make use of the training at the CMCS in his/ her research projects.
- The selection of participants will be made by a Committee duly appointed for this purpose, 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 applicants for a given Workshop is limited to 50.

Registration:
- Registration fee:
  - a. Registration fee: Rs.5,000
- Accommodation
- C. Travel, based on eligibility but limited to 1HD AC by train.
- Academic Institution (Fees): Industry (Government) and Industry (Private) Rs 7,500

Registration Form
- Please download registration form from: http://cmcs.uchydernet.in
- or give the following details on plain paper

Kindly fill ALL the requested information.
Name: ____________________________________________
Designation: ______________________________________
Affiliation: _________________________________________
Address: __________________________________________
Contact/ Phone: ________________________________
E-mail: __________________________________________

Applying for Scholarship? YES/NO
(To be filled if not applying for Scholarship)
Payment Details: Amount: ____________________________
Number: ____________________ Bank: __________________
Date: ____________________
Signature: ____________________________

Address for downloading the application form:
http://cmcs.uchydernet.in

The Finance Officer, University of Hyderabad

The correspondence for the workshop will be handled by Workshop Secretariat:
Arun Agarwal, Director
Centre for Modelling Simulation and Design
Prof. C. R. Rao Road, University of Hyderabad, Hyderabad 500046
Email: aruncs02@yahoo.co.in | Phone Nos: 2313 8000, 2301 3404

Patrons
Sayed E. Hasnain, Vice-Chancellor, UOH
P. Venugopal, Director, CDRR, Hyderabad

Organizing Committee
S. P. Tewari, Director, ACDHR
V. S. S. Sadash, School of Physics
K. P. N. Murthy, Academic Coordinator, CMCS
K. Anand Kumar, School of Life Sciences
M. Durga Prasad, School of Chemistry
T. Ananthnath, DeSI, School of MICS
Debashish Chakraborty, Technology Director, CMCS
C. R. Rao, School of NICS
B. Sri Padma, School of NICS
R. Radha, School of MICS
B. Ashok, ADM
Rajeev Rout, School of MICS
E. A. Wing Kumar, CMCS
Arun Agarwal, Director, CDRR

Workshop Faculty
Prof. S. M. Deshpande, MCA, Bangalore
Dr. K. P. Singh, IIT
Prof. G. Shevare, IIT Bombay
Prof. N. Balakrishnan, IIT, Hyderabad
Prof. S. Sarkar, IIT, Kanpur
Prof. S. Mittal, IIT, Kanpur
Prof. S. Kumar, IIT, Bombay
Dr. K. Anandhanarayanan, IIT
Dr. R. Krishnamurthy, IIT, Hyderabad
Sri V. Ashok, VSC, Thennanathipara

Convener
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Prof. T. Ananthnath, IIT, Mysore
Email: dranath@uchydernet.in

TECHNICAL PROGRAM

<table>
<thead>
<tr>
<th>Day</th>
<th>Workshop Topics</th>
<th>Potential Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-09-10</td>
<td>CFD Fundamentals</td>
<td>Prof. S.M. Deshpande (IIT)</td>
</tr>
<tr>
<td>22-09-10</td>
<td>Turbulence</td>
<td>Dr. K. Anandhanarayanan (IIT)</td>
</tr>
<tr>
<td>23-09-10</td>
<td>Modeling in CFD</td>
<td>Prof. S. Sarkar (IIT)</td>
</tr>
<tr>
<td>24-09-10</td>
<td>CFD in heat transfer and chemical system</td>
<td>Prof. G. Shevare (IIT)</td>
</tr>
<tr>
<td>25-09-10</td>
<td>CFD in Aerospace</td>
<td>Dr. R. Krishnamurthy (IIT)</td>
</tr>
<tr>
<td></td>
<td>Multidisciplinary CFD Topics</td>
<td>Prof. S. Mittal (IIT)</td>
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</tbody>
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