



2010 REGIONAL CFD USERS' CONFERENCE

We are pleased to invite you as our guest to attend ESI's

2010 REGIONAL CFD USERS' CONFERENCE

SEPTEMBER 14, 2010

At ESI, we understand the increasingly important role multiphysics plays in product design and the need you have for realistic simulation solutions. Our unique suite of products enables you to gain insight about your projects from conception to completion...making it the ideal choice for real world simulation.

This conference represents a unique opportunity for the technical exchange between CFD-ACE+ users as well as a chance to preview upcoming technical advancements.

- AGENDA -

- 8:30 AM Registration and Breakfast
- 9:00 AM Welcome Speech
- 9:15 AM Keynote Speech
Advanced Methods for Solution of the Boltzmann Transport Equation for Phonons for the Prediction of Non-equilibrium Heat Conduction at the Nanoscale
Dr. Sandip Mazumder, Ph.D. – Ohio State University
- 10:15 AM CFD-ACE+ v2010 New Features/Release
Kartik Shah & Santosh Kini – ESI
- 11:00 AM **COFFEE BREAK**

USER PRESENTATIONS:

- 11:30 AM *Numerical Simulations of Transport Processes in Cryogenic Pulse Tube Refrigerators*
Dr. Bakhtier Farouk, Ph.D. – Drexel University
- 11:50 AM *Managing Design Workflow within ESI-CFD Using*



Where?

Santa Clara Hilton
4949 Great America Pkwy
Santa Clara, CA 95054

When?

SEPTEMBER 2010				
MON	TUES	WED	THUR	FRI
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

There is no fee to attend this event, but you must pre-register

[Registration](#)

Contact us:
info@esi-group-na.com
(858) 350-0057



Scripting

Dr. Ajit Balakrishna, Ph.D. – Applied Materials

12:10 PM *Experimental Validation of Thermo-Fluidic Numerical Model for Micro/Nano Fluidics*

Dr. Debjyoti Banerjee, Ph.D. – Texas A&M University

12:30 PM **LUNCH**

1:30 PM *Improving Effectiveness of the Modeling and Simulation Through Meshing Tool, CFD*

Mr. Sailesh Gupta – Applied Materials

1:50 PM *Flow Induced Vibration of HDD Disks*

Dr. Ferdinand Hendriks, Ph.D. – HGST

2:15 PM **Process and Project Management Workshop**

Scott Prey – ESI

3:00 PM **CFD-ACE+: Current and Future Activities**

Dr. Mustafa Megahed, Ph.D. – ESI

3:45 PM **Open Discussion**

4:30 PM **Reception**

