



American Society of Mechanical Engineers - Fox Valley Section

Presentation & Tour of ALSTOM Raymond Pilot Plant

Presenter: Michael Chen

Topic: Role of CFD Technology in the Product Development Cycle

Jimmy's Charhouse/ALSTOM Raymond Pilot Plant

Wednesday, September 20, 2006

ALSTOM is the world leader in engineering and manufacturing high-speed trains (TGV) and power generation equipment. Raymond Operation, division of ALSTOM, specializes in engineering and manufacturing equipment for particle size reduction as applied to industrial minerals, gypsum, cement, and coal for power plants. The pilot plant in Naperville has production scale equipment to provide testing for new applications, scale up, as well as in-house R&D.

Michael Chen, is currently the R&D director for the Raymond division, and is a fellow of ASME. Michael has been involved in product development for the last 18 years and has 7 patents and publications to his credit. Most product development projects that Michael has worked on have led to great technical and commercial success. Michael will present the product development process and the role that CFD technology has played in product development and engineering. There will be many interesting examples in 3-D graphics. This will be followed by a tour of Alstom's pilot plant in Naperville.

LOCATION AND DIRECTIONS:

Jimmy's Charhouse, 523 Fairway Drive, Naperville, Illinois Tel: 630-753-0400

From I-88 (East-West Tollway), exit at Route 59 going south. The restaurant is one block west of Route 59 and North Aurora Road on the corner of North Aurora Road and Fairview Drive (by Route 59 Metra Station). Directions for the ALSTOM Facility will be handed out at the dinner.

SCHEDULE: 5:30 PM Registration and Cash Bar 6:15 PM Dinner 7:00 PM Presentation
8:00 PM Tour

DINNER: Includes soup, salad, dessert and a choice of:
- Charbroiled Chicken Breast
- Charbroiled Pork Chops
- Vegetarian Pasta – Guest may choose from multiple options to be provided at dinner

COST: \$25.00 payable at the door, by check or cash

RESERVATIONS:

Send e-mail to mjm@packereng.com with the subject 'ASME Meeting' and include your name, phone number, ASME membership number, company name, address and choice of entree. If you do not have e-mail access, call (630) 505-5722, and leave a message stating this is a reservation for the ASME Meeting on September 20th and include the above information.

DEADLINE:

5 PM on Thursday, September 14, 2006. Please cancel if your plans change. Reservations not cancelled by the deadline may be invoiced cost of dinner.

Welcome to another year of activities from the Fox Valley Section!!

The Executive Committee of the Fox Valley Section (FVS) is organizing an excellent series of programs this year for the benefit of all our members. I hope to see all of you at these and future programs, and I hope you find the programs informative and useful. As always, we are looking for new program ideas and new volunteers. Volunteering with FVS offers many opportunities for engineers of all ages to enrich their professional lives and careers. I offer my sincere thanks to all our volunteers, especially our core group, who make these programs possible each year.

As with most organizations, FVS is having to go through significant cost cutting efforts, primarily resulting from reduced funding for sections. **As part of our efforts to keep costs down, we will be sending out more of our newsletters by electronic mail (and fewer by regular mail). Please be sure to keep your ASME records up to date, to ensure that you get all your e-mail notices.** If you need information/assistance on updating your ASME records, please contact one of the section officers. Also, be sure to check our website regularly for up-to-date program information. Thank you!

Anand Prabhakaran, Chair

October Program

Tour of the Advanced Photon Source – Argonne National Labs - October 17th, 2006

Please watch your **E-MAIL** for more details, or visit our website. <http://sections.asme.org/foxvalley/>

We are not planning to send the meeting notice by regular mail. If your access to the Internet or e-mail is limited, please call one of the listed section officers for more information.