

RBI Conference

The Second MTI Risk Based Inspection Conference held prior to TAC 92 was very successful. It included speakers from several global companies, U.S. companies, government agencies from both the U.S. and the U.K. and academic speakers. The presentations will be posted on the MTI website and will be available on a CD from the MTI Office in St. Louis.

William Wright from CSB, the Chemical Safety Board, reviewed the activities and investigations of the Board at the RBI Conference. CSB is the federally appointed board that investigates accidents in the chemical and refining industry. A limited number of CD's summarizing CBS activities are available at the meeting registration table. The content of the CD is also available online from the Video Room at www.chemsafety.gov.

Project Team Updates:

Ceramic Fiber Insulation Properties (mv)

The project team has decided to seek TAC funding support at the June 2007 meeting. The PT plans to evaluate potential off shore contractors and to obtain more detailed cost advantages for using Ceramic Fiber Insulation on the process side of high temperature equipment.

Metal Dusting II (156-03)

The Metal Dusting II project team met on Wednesday. Among the items on the agenda was a review of a TNO report on Metal Dusting. At the October meeting, the team agreed to collaborate with TNO on metal dusting. A MTI staff member attended a TNO meeting in the fall, and TNO shared its final report with the MTI Metal Dusting project team in February. This collaboration supports MTI's strategy to become more global and expand its presence in Europe.

Manual For Assessment of Explosion & Fire Damage (169-05)

The revisions to the Manual for the Assessment of Explosion and Fire Damage have been completed. The manual is currently being edited in preparation for publishing. The revised manual will be available as a hard bound book and in electronic format. Publication is targeted so that the revised manual will be available at the October MTI meeting.

Casting Quality Prediction (175-06)

We now have a total of 12 responses from various foundries. The responses cover three different simulation codes, and most foundries gave us results covering several alloys. We have analyzed the results in a preliminary way and presented them to Malcolm when he visited us in January. Based on that discussion, we are currently (1) following up with a few foundries to clarify their response, (2) conducting several sensitivity studies that will help us to better understand the results, and (3) working with two foundries to use a common set of properties to see if all codes could, in principle, give similar results. I expect this phase to be completed within a month. At that time, we will finalize the presentation and start writing a report. Overall, we are on a good path to complete this work on time.

TAC Meeting Presentations

1. **Evolution of TAC** – W. B. A. Sharp, SharpConsultant and MTI Fellow
2. **Export Control** – Mark Sagrans, Attorney/DuPont (by teleconference)
3. **Update on Activities of ENAA** – Masao Nakahara, Asahi Kasei Engineering

International Attendance at MTI February 2007 Meetings

Attendees from 14 countries participated in the MTI meetings this week. These countries included Brazil, Canada, China, Colombia, Denmark, Germany, India, Japan, Malaysia, The Netherlands, Norway, Saudi Arabia, United Kingdom, and the United States. A total of 28 foreign attendees from 21 different companies were present. Twenty-two of the 28 foreign participants were MTI members, and 6 were Non-MTI members.

MTI Meeting Attendance Statistics:

- 90 Total Attendees
- 41 Member Companies
- 6 Potential Members:
 - Salah M. Al-Kahtani and Tinus G. Van Zyl / Sipchem
 - J. Karol Argasinski / Solvay Solexis
 - Steven Linnemann / RL Industries
 - Joseph Million and Kang Xu / Praxair
 - Ike Shank / Ashland
 - Zamaluddin Ali / PETRONAS
- Special Guests:
 - Roland Goodman / API
 - Mike Soboroff / Department of Energy
- Speakers
 - Masao Nakahara / Asahi Kasei
 - Mark Sagrans, Attorney / DuPont (by teleconference)
 - W.B.A. Sharp / SharpConsultant & MTI Fellow

Late Registrations:

- Mike Fahrion / Chevron
- David Frey / AstroCosmos
- Otis Galloway / PAI
- James Kelly / Rolled Alloys
- Jay Schickling / DuPont

MTI Publications

To order MTI publications, click on the Store tab of the MTI website (<http://www.mti-global.org>). Be sure to place your order from the MTI Member Order Area to receive the **member discount of 75% off the list price**. You may also submit an order by contacting Mike Ross at 304-522-0086 or rossbus@aol.com.

Engineers Week

Hats Off to all MTI Engineers in honor of Engineers Week 2007 (February 18 – 24)! Engineers Week, a formal coalition of more than 75 engineering, professional, and technical societies and more than 50 corporations and government agencies, was founded in 1951 by the National Society of Professional Engineers. Several of the sponsors are MTI Members. The program is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers among young students and by promoting pre-college literacy in math and science. Engineers Week also raises public understanding and appreciation of engineers' contributions to society. Visit www.eweek.org for more information.

Upcoming MTI Meetings:

- **EuroTAC 2007** – April 17-19, 2007, Valk Hotel, Maastricht, The Netherlands
- **TAC 93** – June 4-7, 2007 – Minneapolis Airport Marriott, Minneapolis, MN
- **SinoTAC 2007** – September 19-20, 2007, Shanghai Pudong Renaissance
- **TAC 94** – October 22-26, 2007 – Crowne Plaza, Hilton Head Island, SC
- **TAC 95** – February 25-28, 2008, Radisson, St. Petersburg, FL
- **TAC 96** – June 16-19, 2008, Coast Plaza Hotel, Vancouver, British Columbia (Passport is required for reentry into U.S.)

Internship Wanted

Joseph B. Evans is very interested in engineering intern programs with MTI member companies. His goal as an intern is to provide value to an organization while gaining experience in industries related to chemical processing and/or materials. Joseph is a student at the University of Missouri – Rolla and is studying to be a chemical/ metallurgical engineer. His resume is available on the meeting registration table.