



October 2004 Event

ASME St. Louis Section
presents

Engel Industries Tour

Wednesday, October 13th, 2004

Jim Campbell, Event Captain
618-654-9080

You are invited for a tour of Engel Industries in St. Louis Missouri on Wednesday, October 13th at 6:00 p.m.

Engel Industries is recognized as one of the leading suppliers of quality metal forming equipment. Engel has been producing such equipment for over fifty years. They specialize in producing Metal Fabricating and Rollforming equipment as well as completely automated HVAC Commercial and Residential Duct Fabrication Systems. For the Metal Construction Industry, they manufacture both High Speed Metal Framing Systems and transportable jobsite units.

During the tour we will see the above HVAC duct and metal framing systems in production, as well as full machine shop with CNC lathes and mills, welding, electrical panel shop, and hydraulics shop.

Date: Wednesday evening, October 13, 2004.

Time: 6:00 p.m.

Place: Engel Industries, 8122 Reilly, St. Louis, MO 63111

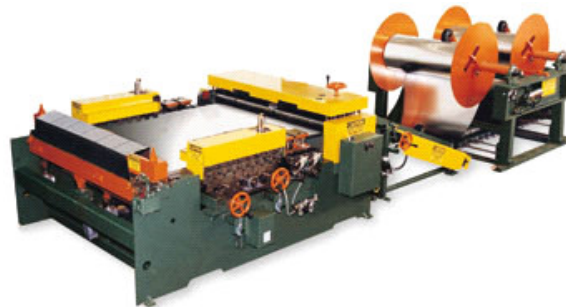
Cost: Free

Reservations: Required by 5:00 p.m. Monday, October 11, 2004, call the ASME Reservation Service at (314)-353-2463. For additional information: please contact Jim Campbell at 618-654-9080 or email: jim.campbell@busakshamban.com.

Directions:

From St. Louis: Take I-55 / Memphis, At exit 202B, take Ramp (RIGHT) onto Germania, Turn LEFT. Continue forward on Germania to Alabama. At Alabama the street name changes to Marceau, continue forward past Broadway to Reilly Ave. Turn LEFT (North-East) onto Reilly Ave. Engel Industries is at the corner of Reilly and Davis.

From I-270 / I-255 / I-55 exchange: Take I-55 (I-55 / St Louis), At exit 201A, turn RIGHT onto Ramp (Bayless Ave), Turn RIGHT (South-East) onto Bayless Ave., Turn LEFT (East) onto SR-267 [Lemay Ferry Rd], Keep STRAIGHT onto SR-267 [Alabama Ave], Turn RIGHT (South-East) onto Marceau, continue forward past Broadway to Reilly Ave. Turn LEFT (North-East) onto Reilly Ave. Engel Industries is at the corner of Reilly and Davis. **See map on third page.**



Message from the Chair

Dear Members,

What is New?

In the last executive board meeting, SIUE students request has been approved for funds to participate in the ASME National Design Contest. **Rhodes Equipment Company** has been unanimously recommended to the ASME headquarters for this year's Industry Plaque award. Two awards for St. Louis Section have been initiated. They are Distinguished Service Award, and Outstanding Student Section Award.

Mr. John Saufnauer has been nominated for the Distinguished Service Award and has been approved by the board. Mr. Saufnauer has served as an auditor to section accounts for many years and he is an active participant in executive board meetings, section program meetings, and also he has organized professional seminars.

The student sections are encouraged to submit their activities report by November 1, 2004. The board will select one of the sections based on their ASME related activities and their active participation in St. Louis Section program events.

In order to better serve the fellow members of ASME in our section, a Program Assessment survey will be distributed in every event for your feedback. Your feedback will be used to strengthen the present programs and plan for future programs. The program list will be included in every Newsletter. Please read your newsletter for latest program information.

Do you have a picture for Online Scrapbook?

ASME is publishing an online scrapbook as part of the celebration of 125th Anniversary. To highlight ASME events from the last few decades, the headquarters is looking for a few good digital photographs (ideally 275 pixels wide for horizontal shots or 275 pixels high for vertical shots, in jpg, gif, or tif formats). Submissions must provide copyright permission, captions (date, place, event, description, comments), and contact information. Each email must not exceed 4MB. Contact: scrapbook@asme.org

Need a volunteer for Section Historian! We have historic materials related to St. Louis Section. If you have ideas on how to highlight St. Louis engineering history and organize archives, please contact Tom Mull 636-938-6173 mullt@att.net.

When is the Next Board Meeting?

The next Executive Board Meeting will be held on October 12th Tuesday at Laclede Street Bar & Grille. It is located at 3818 Laclede Avenue near Saint Louis University Campus. Please mark your calendar and join us at 6 pm.

Swami Karunamoorthy

St. Louis Section Chair

**Please join us at the next ASME
St. Louis Section Board Meeting**

6:00 p.m. Tuesday, Oct 12th

at Laclede Street Bar and Grille

3818 Laclede Avenue

near Saint Louis University Campus

Message from the Program Chair

We have a list of programs for this year. A brief overview of this year's program is given below.

October - 10/13/04 - Professional Tour

Location: Engel Industries

November - 11/18/04 - Technical Dinner Meeting, Speaker: Bob Brockhaus from SLU Small Business Venture Department

Location: SLU, Busch Student Center Building.

December - 12/14/04 - Awards Dinner, ASME Continuity & Change/SIUE Design Team Presentation

Location: TBA

January - 1/13/05 - Professional Tour

Location: Trigen-St. Louis Plant

February - 2/23/05 - Dinner Meeting, Engineers Week Activities/Student Capstone Presentations

Location: St. Louis Engineers Club

March - 3/16/05 - Technical Dinner Meeting, Fuel Cells

Location: TBA

April - 4/21/05 - Technical Dinner Meeting, Speaker: Dr. Meyyappan M., Director of Center for Nanotechnology, NASA, Ames, CA

Location: TBA

May - 5/17/05 - Professional Tour, Airport Expansion

Location: St. Louis Airport

Thanks to Jennie Moidel for September meeting presentation of SIUE mine removal robot design competition highlights. Some of today's best and brightest mechanical engineering students from around the world will demonstrate their model-scale prototype devices - designed and built to retrieve landmines and to transport them out of harms way. Having already won competitions in their respective regions, the teams will prepare to participate in the finals competition to be held Nov. 14, during the ASME Congress in Anaheim, Calif., Nov 13-19.

Jim Campbell

St. Louis Section Vice Chair and Program Chair

November event



Upcoming November 2004 STL Event
Dinner and presentation of
Entrepreneurship for the New Century
Sridhar Condoor, Event Captain

Join ASME for an evening of discovery about small business entrepreneurship. Learn about the trends in business and growth of small business. Explore what it takes to be an entrepreneur and succeed.

The speaker is **Dr. Robert H. Brockhaus**, Director for the Jefferson Smurfit Center for Entrepreneurial Studies (JSCES) at Saint Louis University. He is the 2003 Small Business Administration's Entrepreneurship Research Advocate, the past State Director for Missouri Small Business Development Centers, past national chairperson of the Academy of Management's Entrepreneurship division, Past President of the National Small Business Institute Directors' Association, past International President of the International Council for Small Business and was an elected delegate to the 1986 and 1995 White House Conference on Small Business. Dr. Brockhaus is a Fellow of five different academic entrepreneurship organizations - the only person so honored.

This will be a reception, dinner and presentation event. Details including menu, place, times, directions and pricing will be provided in the November ASME St. Louis Section newsletter.

When: Thursday evening, November 18th.

For more information contact Dr. Sridhar Condoor

Ph: 314-977-8444

Fax: 314-977-8403

University Student Section Visits

The ASME St. Louis Section hopes to visit all student sections in our area. We will be seeking professionals to visit these Student Sections:

Saint Louis University Faculty Advisor: Sridhar Condoor

Student Chair: Fernando Pedroza

Washington University Faculty Advisor: Ruth Okamoto

Student Chair: Elizabeth Henderson

University of Missouri, Rolla Faculty Advisor: Brad Miller

Student Chair: Robert Jordan

Southern Illinois Univ, Edwardsville Faculty Advisor: Albert Luo

Student Chair: Mark Dinsmore

If you like to volunteer to share your professional experiences with any of the student sections, please contact Swami Karunamoorthy

Update your E-mail for newsletter issue

The St. Louis section downloads your address from ASME National to make our E-mailing and paper mailing. Update your E-mail and regular mail at website, www.asme.org under "Members only." Your sign-in ID is your ASME number. If you do not have E-mail or if you have preference for a paper version of the newsletter, please contact Sridhar Condoor at 314-977-8444 or condoor@slu.com. You can also view ASME St. Louis Section news at www.slu.edu/asme.

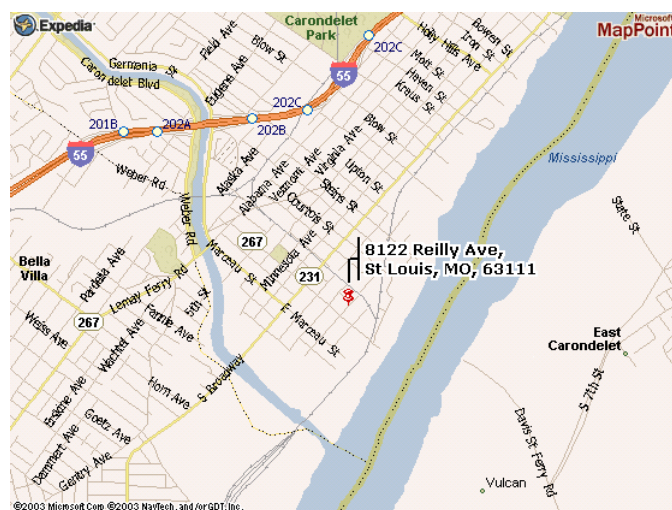
AIChE hosting heat transfer seminar

This announcement is included at the request of St. Louis section, American Institute of Chemical Engineers.

A Heat Transfer Seminar featuring **Dr. Chuck Carpenter** will be hosted by the AIChE, St. Louis Section, on October 19, 2004 at the Engineers' Club (4359 Lindell Blvd., St. Louis, MO). Registration begins at 2:00PM, with the class running from 2:30-5:30. This continuing education program counts as 3 PDH's for PE renewals. Please RSVP to Michael Meyer (mmeyer@solae.com) 314-982-1320 by October 15. Seating is available for 50 participants. The cost of the seminar is \$35 per AIChE (and ASME or other affiliated society) member, \$45 for others. A dinner will be held afterwards as well. Dinner and seminar cost is \$50 for members, \$60 for non-members; dinner only is \$20 (member or non-member).

If you have questions or need clarification, contact David Haselbauer, Vice-Chair, AIChE, St. Louis Section (djhase@swbell.net).

Location of Engel Industries Tour



8122 Reilly Ave.
St. Louis, MO 63111
6:00 p.m. October 13, 2004

Continuity & Change progress report

The following is excerpted from the ASME website.
Please read the full articles at www.asme.org/change;

ASME is shifting to an organization model that enables better market focus, and aligns support services for more effectiveness and efficiency.

- Focusing on our core attributes: knowledge, community and advocacy
- Establish ASME Engineering & Technology Enterprises for better market focus; and within E&TE create new communities to let members access knowledge better, and enable shared interest groups to function effectively; this will enable us to shift the organizational model to project management.
- Linking our programs and activities to our strategic goals. Sections, Divisions, Institutes, etc. will be organized under the Engineering and Technology Enterprises umbrella. Let's take a look at the Knowledge and Communities area of this structure. We have begun working on putting some definition and structure to what K&C groups will look like. Here's what we know: there WILL be Sections, Student Sections and Technical Divisions. We want these groups to work together in a MORE effective manner than they do now; to develop and provide relevant technical information and tools that engineers need in the real world.

The new organizational structure supports individual members' as well as groups' interests while at the same time blurring boundaries and tying operations to priority initiatives such as improving relevance to young engineers, industry, and government.

Member-focused assets are designated as Knowledge & Community Groups and Institutes, and mission-focused assets are shown as Codes & Standards and Centers. Community association units are a collection of individuals with common interests, skills, concerns, etc.

ASME provides the asset of communities for its members through quality programs and activities for a multitude of every-changing set of common interests. These common interests range from emerging technologies to establishing technical bodies of knowledge that define the disciplines.

It is recognized and accepted that members seek out communities (i.e., the ability to interact with others) through ASME. The notion of community ranges from the most simple and basic self-forming groups (e.g., Communities of Practice that allow for a group of members to form a group around a similar interest) to those groups that are more involved and complex (e.g., International Gas Turbine Institute that serve a

well-defined market with their particular body of knowledge). The kinds of community are distinct units along a continuum. These member-units (COP groups, sections, divisions, special interest groups, institutes, etc.) exist along this continuum. The most basic units such as the Communities of Practice are essentially self-run utilizing the website to furnish their basic needs, and there are essentially no additional, discrete resources provided. The most developed member-units like IGTI require sophisticated governance structure, operational plans, and dedicated staff.

Depending on the depth and breadth of activities for a particular member-unit, it is intended that many self-forming member-units will rely solely on the web-based services for much of their needs. Local sections will use web-services as they provide regular technical and educational programs to the local members. Support for self-forming and local groups will be through web-services. As the member-unit needs become more involved and require dedicated staff support, a member-unit will cover (through generated income) expenses associated with dedicated resources consumed.

Codification of knowledge is a premier objective for a technical society like ASME. The codification of knowledge is a process that begins in emerging technical areas that can result in specific bodies of knowledge. These bodies of knowledge, in effect, define the discipline for a technical field. Emerging technical areas, like nanotechnology or bioengineering, will require new and different kinds of technical expertise. It is through the codification of knowledge that leads to these new bodies of knowledge.

Content is the principal asset (i.e., intellectual property) that assures ASME's future. ASME, like other associations, benefits from the development, aggregation and dissemination content generated by its members. This model has sufficed as an essentially passive activity here-to-fore, but ASME's sources of content developers are shrinking. There is a diminishing population of academics that regularly participate in the intellectual property pipeline for the Society.

The opportunity for the Institutes and some Divisions is to close the gap between their activity and establish a BOK. The opportunity lies in developing and managing a series of BOKs in line with ASME's target markets.

The ASME website (www.asme.org/change/) will keep you up-to-date on the Continuity and Change effort.

ASME 2004/2005 St. Louis Section Board

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