

St. Louis Section News

October 2005

October 2005 Event

ASME family tour and ice cream social at the St Louis County MUSEUM OF TRANSPORTATION

Thursday, October 27, 2005

Tom Bever, Event Captain (314-540-6742)

Bring your family and friends for a special after hours tour of the Museum of Transportation followed by an Ice Cream Social featuring products from Ted Drewes.

Mr. Jim Strassner of the museum will be our host and tour guide. He will provide some interesting background and facts for us during the Ice Cream Social and be available to answer questions from everyone, young and old.

If you like things that move, the Museum of Transportation is a must see. They have locomotives, train cars, streetcars, automobiles, airplanes and boats on display and to climb onto. The museum has 27 diesel or other internal combustion locomotives, 10 electrics, one gas-turbine, 45 freight cars, 31 passenger train cars, plus street, interurban and rapid transit cars. The 33 steam locomotives make up the largest collection in North America.

One item of special interest is the GM diesel-electric locomotive (a diesel engine driving an electrical generator powering traction motors geared to the wheels). The first one was built in 1922 and they went into full production in 1939.



The first truly mass-produced diesel-electric road freight locomotives were sold in 1939 by GM's Electro-Motive Division, which today is known as Electro-Motive Diesel. (ASME designated an EMD locomotive cab unit from 1939 a

Mechanical Engineering Landmark). EMD and GE remain today as the two primary manufacturers of over-the-road diesel-electric locomotives on North America. The St. Louis Section of ASME was instrumental in getting this locomotive registered as a "Mechanical Engineering Landmark". See more about the GM diesel-electric locomotive in September issue of ASME Mechanical Engineering magazine.



Date: Thursday evening, October 27, 2005

Time: 5:00 to 5:30 pm: arrival and registration.

5:30 to 6:30 pm: guided tour.

6:30 pm to 7:15 pm: Ice cream social and speakers presentation and question session.

Ice Cream: Frozen custard will be provided by Ted Drewes, will be served during the presentation and question session.

Cost: \$5.00 adults, \$3.00 students,

Free for children 12 and under.

Directions: From I-270 (north or south bound) exit at Dougherty Ferry Road (Exit #8) and go west about one mile to Barrett Station Road. Turn south on Barrett Station Road and go approx ½ mile to 3015 Barrett Station Road. The Museum will be on the west side of the road. See map on last page.

Reservations: Please RSVP by Monday, October 24th by calling ASME STL secretary Angela Berring at 618-258-2214 or reservation by e-mail to ACBerring@Olin.com.

Information: For more info, email or call Tom Bever@asme.org (314-540-6742).



Message from the Chair



We are off to a great start. Our first program this year was a great success. Greg Maryniak's presentation on "Winning the ANSARI X PRIZE" was an inspiring and educational program. There were several students in attendance at this joint AIAA/Junior Academy of Science program.

This presentation was given at the James S. McDonnell Planetarium at the St. Louis Science Center. The center is looking for volunteers to donate time once or twice a month to explain and demonstrate displays to visitors. Training will be provided. If you are interested in volunteering, please contact David Ritchey, Volunteer Coordinator at (314) 533-8189 or dritchey@SLSC.org

I would like to take a moment to thank Dr. Swami Karunamoorthy for his leadership as Chair last year. Dr. Karunamoorthy provided excellent leadership last year as ASME progressed through many changes. He saw the importance of keeping our section informed and brought region and national leadership in to explain the changes that would be occurring. Dr. Karunamoorthy also showed us the importance of active local members. He made it a point to recognize the time and dedication that some of our local members have given to ASME and the St. Louis Section.

Our next program will be at the Museum of Transportation. This is again a program for all ages. The Museum has the largest collection of steam locomotives in North America. There are also 27 diesel or other internal combustion locomotives, 45 freight cars, and 31 passenger train cars on display. Please join us for another interesting and educational program.

Our next Operating Board meeting will be held on Wednesday October 12th at 6:00 pm. These board meetings are where the programs are planned, student section visits are scheduled, and decisions are made with regards to the future of the St. Louis Section. All ASME members in the St. Louis area are welcome. Please feel free to contact me at (618) 283-4700 for more details.

I would like to invite you to become involved in your ASME section during this exciting time. We welcome your input, comments, and assistance.

James Campbell
St. Louis Section Chair

ASME-STL Section Programs for the year 2005-2006,

Sridhar Condoor – Vice Chairman

November 30, 2005: Technical Dinner Meeting
Speaker/Topic: Callaway Nuclear Power Plant
Captain: Jim Campbell, Location: to be announced

December 2005 date TBA: Social / Awards Banquet
Speaker/Org: ASME Representative
Captain: Bill Baker, Location: Carousel House in Faust Park

January 2006 date TBA: Technical Meeting,
Speaker/Topic: Laclede Gas / CNG vehicles
Captain: Tom Mull

February 2006 date TBA: Technical Dinner Meeting
Speaker/Org: Engineered Support Systems
Captain: Jim Campbell

March 15, 2006: Technical Dinner Meeting / Joint Meeting
Speaker/Org: Solly Angel – Author of The Tale of the Scale
Captain: Sridhar Condoor, Location: Saint Louis University

April 19, 2006: Professional Tour
Captain: Angela Berring
Location: Six Flags

May 2006 date TBA: Professional Tour / Technical Meeting
Speaker: Brain Computer Interfaces, Dr. Daniel Moran [Tentat.]
Captain: Tom Bever

Please join us at the next
ASME-STL Board Meeting
6:00 p.m. Wednesday, October 12th
at Laclede Street Bar and Grille
3818 Laclede Avenue
near Saint Louis University Campus

MAKE A DIFFERENCE IN ST. LOUIS

Here is your opportunity to sponsor one of the 2005/2006 St. Louis events or programs. We are in the process of creating an exciting new program agenda. We are looking for sponsors who can help us to present more effective programming. You can sponsor:

- A dinner meeting
- A plant tour
- A guest speaker or lecturer
- A table at the dinner meeting.

Your sponsorship may create wider exposure for your company and products, and allow interesting programs to attract broader audiences from the greater St. Louis region.

If you are interested in sponsoring, please contact Dr. Sridhar Condoor at condoor@slu.edu or by snail mail to: Dr. Sridhar Condoor, Department of Aerospace & Mechanical Engineering, 3450 Lindell Blvd., Saint Louis, MO-63103.

PROFESSIONAL ENGINEERS - PDH

Record keeping of the Professional Development Hours (PDH) is the responsibility of the licensee. Adequate records must be maintained for a minimum of four years for auditing purposes. An example of a typical entry in your personal logbook:

Engineer's Name and PE License No.:

Event Date :

Event Sponsor Name& Location & Phone:

Event Title & Description & PDH hours:

The dates must be specific and the information on locations and phone numbers must be complete. Activities must be adequately described under Title/Description while the number of PDH must be rounded off to nearest half-hour.

The ASME STL section operating board carefully selects the programs with PDH in mind. Licensed professional engineers serving as an officer or actively participating in a committee of ASME would earn 2 PDH per year. Attending technical or professional society meetings will qualify for PDH, when a topic related to the licensee's professional practice is presented as a principal part of the program. Tours of buildings, structures, schools, museums and such will also qualify for PDH, only if there is a clear objective to maintain and strengthen competency in technical field. Attending committee meetings or general business meetings will not qualify for any PDH.

The ASME activities that would qualify for PDH are:

Participating in Technical meetings or Professional tours;
Participating in Seminars and Workshops; Teaching a topic in a seminar for the first time (the credits are twice that of participants); Serving as an officer for St. Louis section.

For Missouri information visit website:

<http://www.state.mo.us/mo/working.htm>

Select: Professional Registration (under "Professional and Vocational Licenses")

Select: Engineers, Professional (under "by profession")

Select: Continuing Education

Select: "Fact Sheet - Continuing Professional Competency for Professional Engineers Licensed in Missouri (under "Professional Engineers") - 5 pages incl sample PDH log sheet.

For more information visit

<http://www.sos.mo.gov/adrules/csr/current/4csr/4csr.asp#4-30>

For Illinois information visit website:

<http://www.idfpr.com>

Select: "State of Illinois - Department of Professional Registration"

Select: "Division of Professional Regulation"

Select: "Professional Engineer" (under "Select a Profession")

Click on: "Professional Engineering Rules"

Click on: "Sect. 1380.325 Professional Development" (4 pages).

NEW ASME CONNECTIONS SITE

<http://www.asme.org/asmconnections> for easy access to the new structure and strategies of ASME

Welcome to ASME Connections,

As we continue to rollout and implement important elements of ASME's reorganization, we would like to thank all those who have participated and worked so hard to bring us to this pivotal stage.

ASME Connections introduces you to the people who are active in projects and initiatives that are making progress in areas that have been identified as key to our strategic objectives. In addition, the site will keep you connected to the new organizational structure and help connect you to ongoing dialogs through ASME's Community of Practice discussion boards. We've also included some features, mainly charts and presentations, to help you track the changes that have been discussed and adopted during the past year. As always, our publications such as the monthly ASME News and the quarterly Inter-Comm will provide you with current information.

We thank you for your continued support and participation in making ASME a premier organization for all engineers. We hope that ASME Connections will help you along the way.

Gene Feigel ASME President 2005-2006

Harry Armen ASME Past President 2004-2005

Virgil R. Carter Executive Director

[Ed Note]: the previous Continuity and Change website is history. Your attention should be re-directed to ASME Board of Governors and committee communications on the new website above. The following chart shows the strategy which the BOG will promote in the upcoming years. The five focus areas represent the BOG's highest priorities:

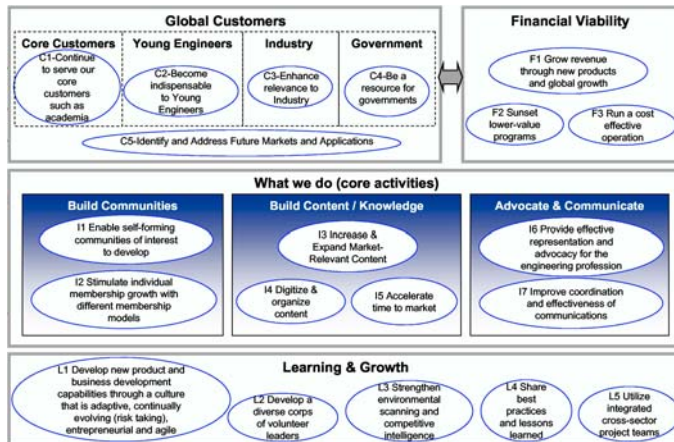
Young Engineers (20-39)

Industry

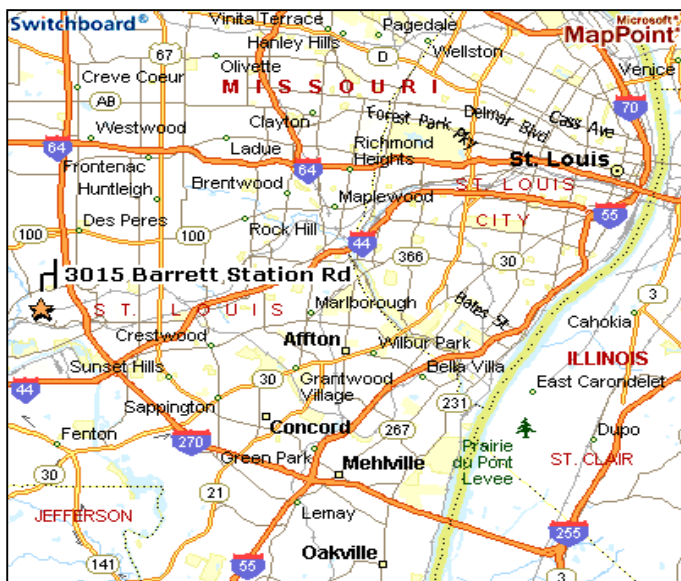
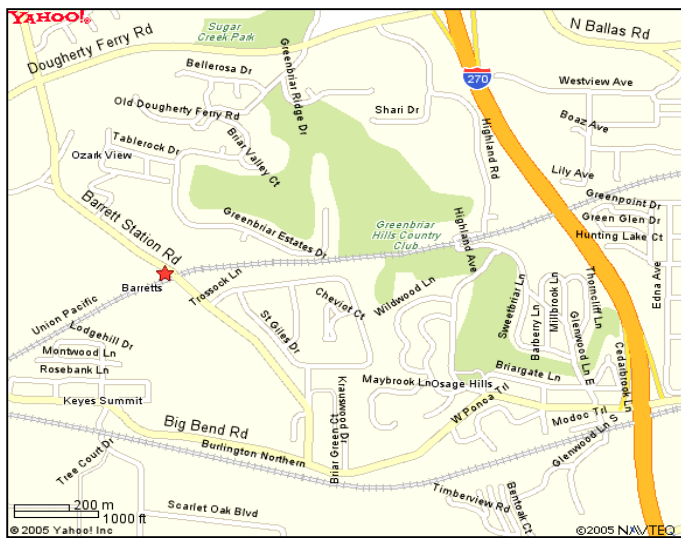
Government

Globalization

New Revenue Generators



TO MUSEUM OF TRANSPORTATION
3015 Barrett Station Road



Become Interactive at the St. Louis Science Center Planetarium



Gregg Maryniak, Director of the James S. McDonnell Planetarium, continues to develop and incorporate new technology displays at the Planetarium, part of the St. Louis Science Center. His goal is to create highly interactive and educational experiences for youth (and adults) bringing them closer to science and technology.

You can become part of this experience by spending a few hours each month connecting participants to the science behind the displays. This is a great way to advance technology in our community and directly influence tomorrow's engineers. If you have an interest in contributing some time towards this experience, please talk to Gregg at the ASME September 13 "Winning of the ANSARI X PRIZE" presentation or email David Ritchey at dritchey@slsc.org at the St. Louis Science Center.

ST. LOUIS NEWSLETTER AD SPACE AVAILABLE

1. The standard page for the newsletter is two vertical columns, each 3.5 inches wide x either 8.0 or 9.5 inches high, depending on the page location within the newsletter.
2. Ad rates are based upon black ink on buff colored paper, color printing is not available.
3. Rates for full page inserts: same as above for full page, plus all additional costs of paper, printing, folding, stuffing, sorting, and postage.
4. Ads prepared by the advertiser, in "MSWord" or convertible text files for text wording; or in .bmp, .tif, or .jpg image files for graphic images, ready for the printer. Please contact STL section Angela Berring at 618-258-2214 (acberring@olin.com).

ASME STL Mail / Return Address

ASME St. Louis Section.
 c/o Engineer's Club of St. Louis
 4359 Lindell Blvd.
 St. Louis, MO 63108

ASME 2004/2005 St. Louis Section Board

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