

St. Louis Section News

February 2005

February 2005 Event

ASME St. Louis Section dinner and DISPLAY OF STUDENT SENIOR DESIGN PROJECTS

and an impromptu design competition for everyone

Wednesday February 23, 2005

Sridhar Condoor, Event Captain
314-977-8444

To celebrate our profession, engineering, let us come and join for an evening of fun and entertainment. It is dedicated to the engineers of the future. It will showcase the work of students. Also, an impromptu design competition will be held at the meeting.

We invited the mechanical engineering students from the area Universities to display their "capstone" or senior design projects in poster format. There will be an impromptu design contest for students as well as professional members. Everybody can have fun in this event. Also, we will be unveiling the new podium banner and show a video on the national celebrations of ASME 125th anniversary. In this meeting, we are also planning to recognize the section members with 20 years of membership service.

The Engineers Week runs February 20-26, 2005. We, the engineers, turn ideas into products and processes that are deeply changing the social fabric. Let us celebrate the importance of our profession by remembering those who made significant contributions to the profession and recognizing those working in the profession. Let us also attract the attention of the next generation of young men and women. They will be the future engineers who will face more challenging tasks ahead.

Date: Wednesday evening February 23, 2005

Time: 5:30 to 6:30 pm: cash bar and social hour and display of student senior design projects.

6:30 to 7:15pm: Buffet dinner.

7:15 to 8:30pm: Impromptu design competition.

8:30 to 9:00pm: Recognition of 20 year service awards and video of ASME 125th anniversary.

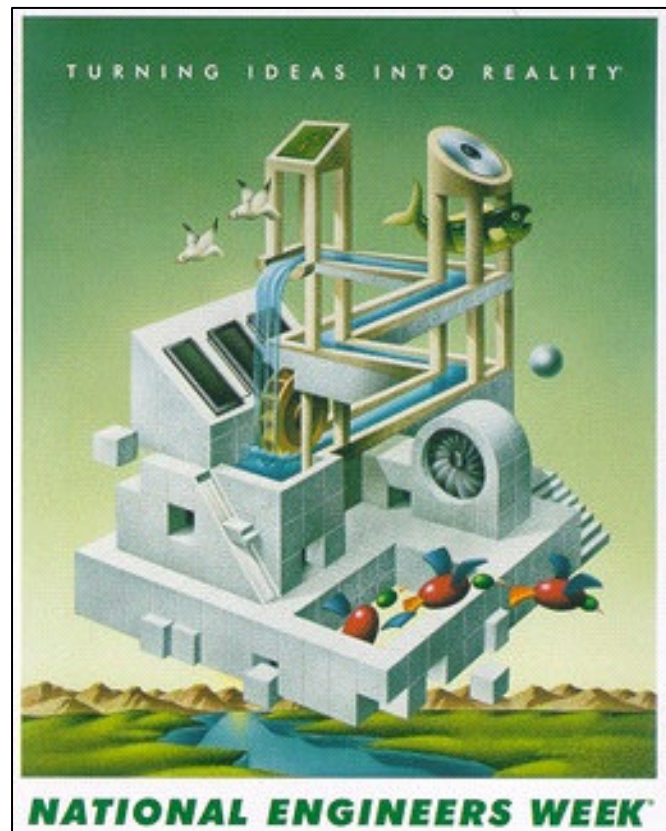
Location: The Engineers Club of St. Louis, 4359 Lindell Blvd. St. Louis, MO 63108, (314) 533-9333.

Easy Ride Buffet: Glazed top round of beef with wala wala onion sauce, chicken breasts with chipotle glaze, cheese scalloped potatoes with chives, grilled vegetable medley, hand crafted breads and rolls, dessert, coffee, and tea.

Cost: \$20.00 for members and guests, \$10.00 for students.

Reservations: Req'd by 5:00pm Thursday Feb 17, 2005. Call the ASME Reservation Service at (314) 353-2463. For more info, call or email Sridhar Condoor (condoor@slu.edu).

Directions: From I-64-40 exit at Kingshighway. Take Kingshighway north to Lindell, then follow Lindell east to the Engineers Club. See map on last page.



Open invitation to ASME students! It is your chance to win cash for your next Friday night party. Compete in the poster presentation competition. The posters should demonstrate some creative work you did as an individual or group. Design projects and independent research papers are excellent choices for posters. They will be judged on the same guidelines as poster presentation competition in the Regional Student Conferences. You will need to be next to the poster during the display times. Also, an impromptu design competition will be announced at the meeting. Cash prizes will be awarded.

Message from the Chair

Thanks to those who made their reservations for the January event of Trigen Plant Tour. We made all arrangements except talking to the weatherman. We had to cancel the tour due to inclement weather. However, we had planned a joint dinner meeting with AIAA, AHS, and SAE. Thank you for making use of this opportunity and showing your support with your participation in this joint meeting.

February is a special month for engineers since we have Engineers Week celebration during Feb. 20 – 26 and it begins with President's Day. This year it is very special for mechanical engineers since it is also the 125th Anniversary of ASME Founders Day. We planned a number of events for our celebration.

On Tuesday, February 22, we are joining the Engineers Club Luncheon with a distinguished speaker. Everyone is welcome to participate and more details about this event are given at a different page in this newsletter.

On Wednesday, February 23, our section dinner meeting is scheduled at Engineers Club. We invited the mechanical engineering students (future engineers!) from the area universities to present their "capstone" or senior design projects in poster format. There may be an impromptu design contest to students as well as professional members. Not only students, everybody can have fun in this event. So, make your reservation for this celebration event and participate. Also, we will be unveiling the new podium banner and screen a video on national celebration of 125th anniversary. When the video opens, you will be surprised to see a member from St. Louis, singing Happy Birthday to ASME. You don't want to miss this surprise. In this meeting, we are also planning to recognize the section members with 20 years of membership service. I encourage them to participate and show their support.

On Thursday, February 24, the executive board would participate at the Rotary Club luncheon representing ASME, St. Louis Section. Thanks to the **Rhodes Equipment Company** for sponsoring the section.

For those who like to know more about Anniversary of ASME or Engineers Week, please visit the following websites:
www.asme.org/anniversary www.asme.org/eng_week

Swami Karunamoorthy
St. Louis Section Chair

Stl. Section Members With 20 Years Service:

Timothy Aydt, Kenneth Beckmann, Victor Birman, James Bissell, Scott Dickerhoff, David Eike, Gerald Ellington, Bruce Fox, Gregory Harris, William Heavner, Ricardo Johanning, Robert Kramer, William Leingang, Salvatore Liguore, Steven Martin, James Massman, Sharon Merciel, James Stackhouse Jr., Steven Weller, Norbert Wright, John Ziegler.

2005/2006

Nominating Committee

ASME ST. LOUIS SECTION

Thank you for your participation with your vote in electing the members for the Nominating Committee. The elected committee members are: **Tom Bever, Betty Bowersox, Jim LaBlance, Tom Mull, and John Saufnauer**. This committee is charged with nominating section officers for the operating year 2005-06. If you would like to nominate any member who is interested in serving as section officer, please contact Sridhar Condoor, the secretary of the section. He will forward your nominations to the nominating committee. The deadline for accepting nominations is March 1, 2005.

The nominating committee would review the nominations received and recommend a slate of officers. The slate of nominated officers will be published in April newsletter. If only one nomination has been made for each office by the Nominating Committee and if no further nominations have been made by petition signed by not less than 15 members, the nominees will be announced as unanimously elected officers for the next operating year according to the section by-laws.

Please participate in this process and send your nominations by e-mail or postal mail to:

Sridhar Condoor
Department of Aerospace & Mechanical Eng.
Saint Louis University
3450 Lindell Blvd
St. Louis, MO 63103
condoor@slu.edu
314-977-8444.

Message from the Program Chair

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

March - 3/16/05 - Technical Dinner Meeting, Fuel Cells
Location: C.J. Muggs restaurant.

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

May - 5/17/05 - Professional Tour, Airport Expansion
Location: St. Louis Airport.

Jim Campbell, St. Louis Section Vice Chair & Program Chair,
Office: (618) 283-4700 ext.260
Mobile: (618) 920-1207
Fax: (618) 283-4810
jmccampbell@johncrane.com

Upcoming Event

Wednesday; March 16, 2005

Dinner and Presentation on Fuels Cells:

Event Captain: Tom Mull (636-938-6173).

Location: CJ Muggs Restaurant, Webster Groves, MO.

The first operational fuel cell was built in 1839. Beginning in the 1960's, fuel cells were frequently used in the U.S. space program to power spacecraft.

In recent years, there has been increased interest in fuel cells for stationary power, transportation, and other applications.

On March 16, 2005, **Dr. Fatih Dogan**, Professor of Materials Science and Engineering from the University of Missouri - Rolla, will be giving us an update on current and future fuel cell technologies.

Please plan on joining us to learn about the latest in fuel cell technology

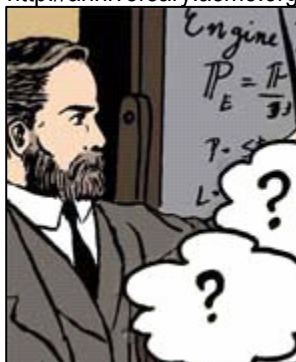
AND NOW FOR SOMETHING COMPLETELY DIFFERENT

Comic Book Engineering

A New Way to Tell the Stories of Technology

ASME has launched a new comic strip series to introduce and educate young readers about the history and contributions of mechanical engineering. Each month throughout 2005, the Web-based "funnies" will feature entertaining short stories about amazing engineering feats during the past 125 years since ASME was founded in 1880.

The first edition of "Heroes of Engineering" is now available at <http://anniversary.asme.org>.



The goal of the comics is to create a fun online medium that could teach young people about what engineers do and how, through their creative genius, they have made our world a better place to live. Vincent Wilczynski along with comics creator and artist, Ron Spellman, introduced the comic series to ASME as a voluntary outreach to young

people during the Society's 125th anniversary year. "We hope that the colorful and fun-to-read comics will help inspire the next generation of engineers and inventors," said Wilczynski. The comic series will cover 12 decades of interesting and perhaps the not-so-well-known significant accomplishments in mechanical engineering. For example, learn about Michael Owens' patent of the automatic bottle making machine; in March, the development of the Wright Brothers wind tunnel, and in April, the story of Garrett Morgan, an African American inventor of the "inhalator," better known as the gas mask.

Joint Engineers' Week Luncheon

Tuesday; February 22, 2005

Co-Sponsored by: AACE, APWA, ASCE, **ASME**, ASHRAE, Bi-State Fabricators Assoc., CSI, ACEC/MO, Engineers' Club, GSHMM, INCOSE, ISPE, IIE, Masonry Institute/STL, MSPE, NACE, NSBE, SAE, SAME, SFPE, SME, SMPS, and SWE.

Location: The Chase Park Plaza (Kingshighway & Lindell)

Speaker: The "Spirit" of James Buchanan Eads. Almost amphibious, Eads knew the Mississippi River's underworld like the back of his hand. His bridge became the zenith of modern engineering. This presentation is historically and technically correct and presented so that audiences at his most recent appearances described him as "Outstanding, Spellbinding, Fascinating, Captivating, You will feel as though you've been transported back in time". 1 PDH will be awarded for attending.

Schedule: 11:15 AM – Registration & Bar Service

12:00 Noon Luncheon, 12:45 PM Program

Cost: \$37.00 per person, Tables of up to 10 people available

Make check payable to the Engineering Foundation of St. Louis, a 501 C-3 Tax Exempt Organization

Please Print Clearly

Name: _____

Company: _____

Address: _____

Phone #: _____

E-Mail: _____

Note: lunch tickets will be mailed out to the name on this form.

Mail check, along with this form to: The Engineering Foundation of St. Louis, 4359 Lindell Blvd., St. Louis, MO 63108. If you are making reservations for more than yourself, please include the names your guest(s) on a separate page. Reservations, along with payment, are due by Tuesday, February 8, 2005. Cancellations, with refund, accepted until February 8, 2005. No refunds after February 8, 2005, substitutions accepted until Friday, February 18, 2005. Companies purchasing tables will be listed in the Foundation brochure as a "Corporate Sponsor".

Valet parking available for \$10 or garage parking for \$5.

Outdoor parking is at the Engineers' Club (4 blocks east of the Chase on Lindell) 4359 Lindell Blvd., St. Louis, MO 63108.

Please join us at the next ASME

St. Louis Section Board Meeting

6:00 p.m. Tuesday, Feb 15th

at Laclede Street Bar and Grille

3818 Laclede Avenue

near Saint Louis University Campus

**Regions V, VI, VII Mega-RAC
March 18-20, 2005**

Dear Member,

In an effort to bring together the entire ASME Mid-Western Geographical Community, Regions V, VI and VII are planning a Mega-RAC for March 18-20, 2005. We are writing to extend an invitation for you to join us. Regions V, VI and VII comprise nearly 25 percent of ASME's Membership, nearly 27,000 Members. In addition to representatives from the Regions' Sections, we are also inviting all the Council on Engineering Division Members in the area. We have planned an agenda of value and interest to all. A tentative agenda is enclosed for your review. Not only are sessions regarding such topics as Nanotechnology and the Petroleum Institute being featured, but we have also planned the following presentations:

- "Application of Quality Concepts to Engineering Processes" will be the keynote presentation, given by Distinguished Lecturer, Dr. Amos Holt
- "From Engineer to Manager" presented by John Bozewicz
- "Structural Integrity in Marketing: A Solid Foundation for Promoting Your Business" presented by Brian Pelletier, Green Cardinal Communications

The Mega-RAC is also highlighting two Professional Development Courses: "Spring Design" facilitated Thomas Pimmler and "Career and Business Protection" with Richard Beem and Mark Partridge. Attendance at either Course is optional and requires additional registration. Flyers outlining both courses are also included in this information. Optional Saturday evening entertainment has also been arranged at "Tommy Guns' Garage", a speakeasy from Chicago's roaring twenties. The \$79 fee not only includes your dinner and musical review, but also transportation to/from the hotel. Registration for any conference activity and all conference information may be found online at:

<http://regions.asme.org/mwro/mrindex.htm>

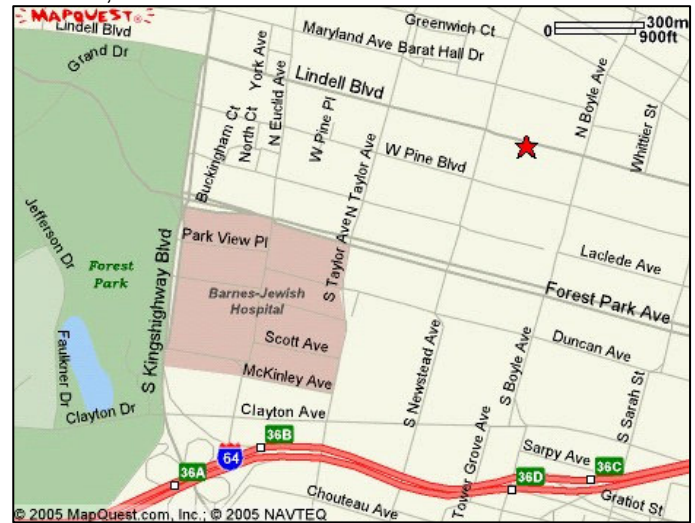
We hope to see you in Rosemont, IL.

Respectfully,

Leonard A. Anderson PE, Howard E. Conlon PE, Brian D. Erbstoesser PE.

ASME STL Mail / Return Address

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



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.siue.edu/engineer/me/asme.

ASME 2004/2005 St. Louis Section Board

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