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ST. LOUIS SECTION



February 2005

**Please join the St. Louis Section for a joint society luncheon
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.**

Engineers' Week Luncheon February 22, 2005

Speaker: The "Spirit" of James Buchanan Eads

Location: The Chase Park Plaza (Kingshighway & Lindell)

James B. Eads – Almost amphibious, he 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 in such a way that audiences at his most recent appearances described him as "Outstanding, Spellbinding, Fascinating, Dramatic, Captivating - You will feel as though you've been transported back in time".

Schedule:

11:15 AM – Registration & Bar Service

Noon Luncheon

12:45 PM Program

1 PDH will be awarded for attending

1:45 PM – After program networking session (bar service continues)

Cost: \$37.00 per person

Tables of up to 10 people available

Mail check, along with form in last month's newsletter 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 of 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 luncheon brochure as a "Corporate Sponsor".

Parking: Valet parking available for \$10 or garage parking for \$5. If the weather cooperates, parking is available at the Engineers' Club (4 blocks East of the Chase on Lindell).

President's Message

From Robert Neath



It's time to get actively involved!!! Our proverbial plate is full of opportunities to engage ourselves in a multitude of fantastic events. For starters, Engineer's Week is

just around the corner. On February 22, the "Spirit" of James Buchanan Eads will enlighten us at our monthly luncheon at the Chase Park Plaza (see registration information in this newsletter.) This technically accurate presentation will take you back on a historic look at one of St. Louis' engineering icons.

At the tail end of Engineers' Week, the ASCE St. Louis Section will be hosting the Zone III Leadership Conference. Current Director Adam Spector is heading up the event coordination, with assistance from Shawna Erter and Ken Hammel. St. Louis will be hosting delegates from all the Sections and Branches in Zone III, as well as the Student Chapters. This forum is a great opportunity for delegates to learn more about ASCE National activities, as well as exchange ideas with peers from across the central United States. Besides, it is a great opportunity to showcase St. Louis.

From March 31 – April 2, the Southern Illinois University at Edwardsville will be hosting the 2005 Mid-Continent Regional Conference. What better time and place to renew your academic rivalries than to cheer the engineers of tomorrow as they "labor" in the Steel Bridge competition and the Concrete Canoe competition. The SIUE Student Chapter has been hard at work putting together a terrific program of events, and this will surely be an opportunity for one of our local student chapters to shine not only in competition, but in their hospitality.

If you are looking for something a little different to satisfy your professional development, why not join one of our committees. Membership on committees is always openly encouraged, and current committee chairs will welcome energetic supporters. Opportunities abound. So if you want to get involved with the newsletter, website, annual golf tournament, program, younger members, etc. or any of our technical committees, just take the first step and place a phone call to me our any of our committee chairs.

Like so many other things in life, you truly get out what of ASCE what you put into it. So, join us for social activities. Join us for networking and camaraderie. Join us for technical activities. Join us for community involvement. The invitation stands, just join us.

Best Regards, *Robert*

ASCE Continuing Education Seminars

The following seminars are coming to the St. Louis Area:

Structural Condition

Assessment.....March 17-18, 2005

Structural Condition Assessment of Existing Structures

*Larry Olson, Greg Fehr, Bob Ross,
Brian Brashaw, and Xiping Wang*

Learn the latest techniques and procedures for assessing the physical condition of buildings. Includes assessment approach, structural material and system assessment, nondestructive examination, report writing and case studies. Day one covers concrete and masonry. Day two covers wood and steel.

\$995M/\$1,195NM. 1.4 CEUs.

Geotechnical Seminar

Geotechnical Considerations for International Building Code (IBC) Seismic Design in the Metropolitan St. Louis Area

The New Madrid Chapter of the Earthquake Engineering Research Institute (EERI), in conjunction with other regional engineering and architecture groups, is sponsoring a seminar on **Geotechnical Considerations for International Building Code (IBC) Seismic Design in the Metropolitan St. Louis Area**. The four hour seminar will be held in **St. Louis** on the morning of **May 20, 2005**.

Speakers will present topics related to Site Ground-Motion Assessment, IBC Site Classification, Liquefaction Analysis & Mitigation, Seismic Response Spectra, and Implications for Siting Structures & Building Seismic Design Practice. In addition, a representative from the United States Geological Service will provide a brief overview of the current St. Louis Seismic Hazards Mapping project, and the implications of the mapping project on seismic design in the St. Louis Metropolitan Area.

Four Professional Development Hours (PDH's) will be awarded. For additional information and/or a registration form, please contact Teresa Walker at (314) 994-7007 or email: TWalker@absconsulting.com. The cost of the seminar is \$50.

SIUE/ASCE Buy-A-Brick Campaign

Buy a brick is another opportunity in which you can help to support 2004-2005 SIUE ASCE programs. We will be installing a new patio area near the Engineering Building in commemoration of the 2005 Mid-Continent Regional Conference Competition and all who helped support the event. If you would like to buy a brick to help with this patio, we will have your name and message engraved in the brick and it will be placed in the brick area of the seating section. These bricks are guaranteed for a lifetime, so you or your company's name will be forever remembered at SIUE.

Bricks will cost \$50.00 and can be ordered by contacting Bill Stahlman 2005 Mid-Continent Regional Chair Person Email: billstahlman@gmail.com Cell: (314) 603-2998

Job Openings

Civil Engineer

EDM Incorporated is seeking a Civil Engineer (BSCE) with a minimum of five years experience in highway, site development and/or stormwater design. A minimum of three years experience working in Land Development Desktop and/or Geopak is required. Preference will be given to those possessing or having the ability to obtain a PE within six months and those with MSD and/or MoDOT design criteria experience. Send resume to steve.skasick@edm-inc.com

Geotechnical Staff Engineer (EIT)

SCI Engineering, Inc. is seeking an entry-level Geotechnical Staff Engineer (EIT) to work in the St. Louis metropolitan area. Requirements include BS/MS degree in Civil Engineering (with geotechnical emphasis) and up to two years experience. Position requires strong written and oral skills as well as geotechnical experience. Duties require familiarity with slope stability, pavement, L-pile and other geotechnical software. Also, prefer some familiarity with geotechnical-related construction industry.

Excellent benefits package with some travel required. E-mail resume and cover letter to: careers@sciengineering.com ; fax to 618-624-6969, or mail to:

Human Resources
SCI Engineering, Inc.
15 Executive Drive, Suite 4,
Fairview Heights, Illinois 62269

Don't Be a No-Show!

When you make reservations for an event but fail to attend, the Section is charged for the meals or services provided. The Section has to guarantee fees to caterers and other providers based on the expected attendance at each event. That attendance is based on reservations made in advance. *Please help us avoid the extra costs of this situation. If your plans change and you can't attend, please call at least one day prior to the event to cancel your reservation, and allow us to adjust our numbers accordingly.*

To avoid continued financial losses to the chapter and the resulting increased costs for subsequent programs, the Section will charge persons who make reservations and then fail to attend without canceling. We will send an invoice to non-attendees:

ASCE Conferences

The ASCE Conferences Department is offering an array of conferences in 2005 for Civil Engineers. These conferences will take place in various locations. Please see www.asce.org/conferences for the latest information:

Structures Congress 2005 – Structural Engineering Institute (SEI), New York Hilton & Tower, New York, NY, April 20 – 24

Forensics 2005 – Technical Activities Committee, New York Hilton & Tower, New York, NY, April 20 – 24

Automated People Movers Conference, 2005 – The Transportation and Development Institute (T&DI), Orlando, FL, Disney Coronado Springs) May 1 - 4

Offshore Technology Conference, Reliant Park at Reliant Center, Houston, TX, May 2 – 5

Coastal Disasters – The Coasts, Oceans, Ports, and Rivers Institute (COPRI), Doubletree Hotel, Charleston, SC, May 8 – 11

EWRI Congress 2005 - World Water & Environmental Resources Congress – The Environmental and Water Resources Institute, Anchorage, AK, Anchorage Conv. Ctr, Hilton Anchorage, May 15 – 19

International Computing Congress – Technical Activities Committee, Marriott Hotel, Cancun, Mexico, July 11 – 16

Watershed Management Conference – Environmental and Water Resources Institute, Woodlands Hotel, Williamsburg, VA, July 19 – 22

Pipelines Conference 2005 – Technical Activities Comm., Inter-Continental Hotel, Houston, TX July 11 – 16

Karst 2005 – Geo-Institute, Doubletree San Antonio, San Antonio, TX, September 24 – 28

2005 ASCE Annual Conference- Los Angeles, Wilshire Grand Hotel, Los Angeles, CA October 26 – 29

The Engineers' Club
4359 Lindell Blvd.
St. Louis MO 63108
ADDRESS SERVICE REQUESTED

Inside:

- **President's Message**
 - **February Luncheon Notice**
 - **Upcoming Seminar Announcements**
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IMPORTANT DATES

February

- 22 Engineers Week Luncheon
- 21 Deadline for March newsletter inclusions.

ASCE Newsletter via e-mail and postal delivery:

ASCE National keeps a central database that holds all ASCE members individual information. This database is downloaded by the St. Louis Section every month or two for Section use. This provides the Section with both **mailing and e-mail addresses AS THEY ARE SHOWN ON YOUR NATIONAL RECORDS**. Therefore, if you need to update these addresses regarding your receipt of the newsletter, please do so at the National level (www.asce.org) so we will be forwarded the updated information.

NEWS ITEMS

Please try to get all announcements for placement in the Newsletter to the Newsletter Chairman by the 15th of the month prior to publication. Items may be sent (e-mail preferred) to the Newsletter Editor:

Chad Janson
RJN Group, Inc.
727 North First Street, Suite 240
St. Louis, MO 63102
(314) 588-9764 FAX (314) 588-9781
cjanson@rjn.com

Most news items will be available on the Section's **Web Page**, which can be reached via the link on ASCE National Website at <http://www.asce.org>; (click on "Geographical and International Units" to link to the section) or go directly to our page at: <http://sections.asce.org/stlouis/index.html> The Web Page Editor is Steve Randolph e-mail: srandolph@hornershifrin.com or via feedback directly from our website
