

November Event

Technical Presentation and Tour "The X PRIZE"

Thursday, November 13th, 2003

David Henkelmann, Program Captain

314-579-7089

Please join ASME for an exciting evening of space adventure and competition that is happening right now as 24 teams are competing for the X PRIZE! Our featured speaker will be **Gregg Maryniak**, Executive Director of the X PRIZE Foundation. Gregg will present the X PRIZE, a \$10,000,000 award to



reinvigorate the space industry through competition between the most talented entrepreneurs and rocket experts in the world. **The \$10 Million cash prize** will be awarded to the first team that:

- Privately finances, builds & launches a spaceship, able to carry three people to 100 kilometers (62.5 miles)
- Returns safely to Earth
- Repeats the launch with the same ship within 2 weeks



Most teams have already completed their detailed design, and construction of many vehicles is well

underway. One well-known team, Scaled Composites, led by Burt Rutan, has already completed many phases of flight-testing and **may attempt to claim the X PRIZE** prior to our meeting event.



Scaled Composites White Knight launch aircraft carrying SpaceShipOne followed by a Beech Starship chase aircraft

The X PRIZE competition follows in the footsteps of more than 100 aviation incentive prizes that created today's multi-billion dollar air transport industry. It is inspired by the early aviation prizes such as the spectacular trans-Atlantic flight of Charles Lindbergh in The Spirit of St. Louis that captured the \$25,000 Orteig prize in 1927. Through an entrepreneurial approach to aviation, Lindbergh demonstrated that a small, agile team could quickly perform the unachievable. Since its inception in May 1996, the X PRIZE Foundation has registered 24 independent teams from seven countries to compete for the prize. All teams must be privately financed.

The Societal Benefits of the X PRIZE include: creation of a new generation of heroes; inspiring and educating students; focusing public attention and investment capital on this new business frontier; challenging explorers and scientists around the world; and, vehicles built for the X PRIZE will eventually serve four different industries:

- Space Tourism
- Low-cost satellite launching

- Same-day package delivery
- Rapid point-to-point passenger travel

This will be an incredible event! Gregg Maryniak's presentation will include the most recent competition status, technical challenges and innovative team approaches, and photos and videos from many of the teams plus Scaled Composites flight-testing footage.

To learn more about the X PRIZE and the status of each team, please visit www.xprize.org. This website also includes presentation materials and



video downloads.

In addition to the X PRIZE presentation, **the James S. McDonnell Prologue Room** will be open exclusively for our event. You are encouraged to arrive early and enjoy a self-guided tour. The Prologue Room is an air and history exhibit telling the story of over eight decades of aviation progress. Scale models, dioramas, paintings and photographs portray important events such as the first flight around the world, first take-off of a jet fighter from a U.S. Navy carrier, and the first manned spacecraft to orbit the Earth. See displays of rockets and missiles including a full-scale Harpoon radar-guided missile. At the exhibit's center are full-size engineering mockups of the Mercury and Gemini spacecraft that carried America's first astronauts into space.

Place: Boeing Bldg. 100, McDonnell Blvd. (See map and directions)

Date: Thursday, November 13th, 2003

Time: 5:00 p.m. – 7:00 p.m. Social, light meal provided and Prologue Room (self guided tour)

7:00 p.m. – 9:00 p.m. Presentation

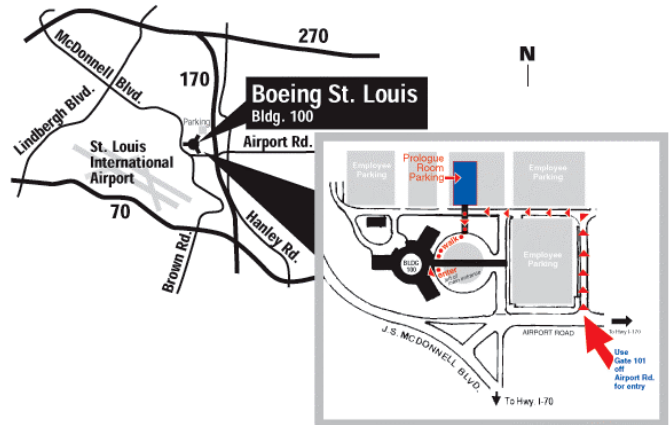
Meal: Sub-style sandwiches, chips, cookies and beverages. Please note any special menu requirements when making reservations.

Cost: \$10.00 ASME Members and their guests
\$5.00 ASME Student Section Members
A late registration fee will apply

All ages are welcome.

Reservations are required by Friday, November 7th by calling the ASME Reservation Service at 314-353-2463. Seating is limited, so please make your reservations early. For additional program information, please contact David Henkelmann at 314-579-7089 or e-mail: David.Henkelmann@ge.com.

Directions:



From HWY 70: Exit Hwy 170 North, exit Airport Road, turn left onto Airport Road, Boeing Bldg. 100 is on the right at intersection of McDonnell Blvd.

From HWY 270: Exit Hwy 170 South, exit Airport Road, turn right onto Airport Road, Boeing Bldg. 100 is on the right at intersection of McDonnell Blvd.

From Lindbergh Blvd: Turn east on McDonnell Blvd., turn left on Airport Road, Boeing Bldg. 100 is on the left at intersection.

Please inform the guard on duty that you are attending the X PRIZE event.

Please be advised that the Interstate 170 and Hanley exits at Interstate 270 are closed due to construction.

Message from the Section Chair:
Please join us at the next
St. Louis Section Board Meeting
6:00 p.m. Wednesday, November 19
at Laclede Street Bar and Grille
3818 Laclede Avenue

near Saint Louis University Campus,
Make sure your input is heard by joining us at the next ASME St. Louis Section Board meeting. This is a great opportunity to make our Section a success! For more information about the Section Board meetings, contact:

Tom Mull

Message from the Program Chair

PDH – Log and ASME Qualifying Events for the Log

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. A sample of typical log form is given below:

Continuing Competency PDH Log Form Engineer's Name:

Missouri Professional Engineers License No.:

Date; 11/13/2003.

Sponsor Name & Location & Phone; American Society of Mechanical Engineers, St. Louis, Missouri (314) 579-7089.

Event Title & Description & PDH hours: "Space Launch Vehicle Presentation", Mr. Gregg Maryniak, X-Prize Foundation, 1.5 PDH.

Date; 24/04/2003.

Sponsor Name & Location & Phone; American Society of Mechanical Engineers, St. Louis, Missouri (618) 482-6530.

Event Title & Description & PDH hours; "Piping Design Seminar & Workshop" Mr. Don Frikken, P.E., 8.0 PDH.

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 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 more information visit the website for Missouri Society of Professional Engineers: www.mspe.org

Participate and make your PDH accumulate!

---Swami Karunamoorthy

Update your E-mail and address for newsletter

Each month, the St. Louis Section downloads your membership data from ASME National to update our E-mailing and paper mailing distributions. The fastest method to change your E-mail and regular mail addresses, is to visit the ASME website, www.asme.org in the "Change of Address" section under "Members only." Your sign-in ID is your ASME member number.

If you do not have E-mail or if you have preference for a paper version of the newsletter, please contact Jim Campbell at 618-283-4700 x260 or jcampbell@polymersealing.com. You can also view the current ASME St. Louis Section information and newsletter at www.siu.edu/asme.

Upcoming Event

“December Holiday Dinner Social

Tuesday, December 9th, 2003

Thomas Moore, Program Captain

636-247-5470

The annual St. Louis Section Holiday Social is scheduled for Tuesday evening, December 9th, 2003. The theme of this annual event is to honor our 25 and 50-year service award recipients. There will be no technical presentation at this event; it is simply a relaxing evening of social discussions with fellow ASME members and guests.

An evening to enjoy at the new N. K. Probstain Golf Course Clubhouse at waters edge in Forest Park.

Date: Tuesday, December 9th, 2003

Time: 5:30 pm Cash Bar
6:30 pm Buffet Dinner
7:30 pm Awards/Announcements

Place: N. K. Probstain Golf Course Clubhouse
on Lagoon Drive, in Forest Park
St. Louis, MO
314-367-1337

Cost: \$20.00 Members and Guests
\$10.00 Student Section Members

Meal: To be announced in next newsletter.

Reservations for service award recipients, members, guests and student section members will be required. For additional program information, please call Tom Moore at 636-737-5470 or email: thomas.p.moore@pfizer.com

N. K. Probstain Golf Course Clubhouse



Designed by Powers, Bowersox and Associates, Inc. located in Forest Park.

Volunteers Needed to tell it as it is

ASME St. Louis Section is seeking professionals to participate in an evening of career conversation with Student Sections at one of the universities UMR, SIUE, SLU, or WASHU. Please contact Tom Mull at 636-938-6173.

ASME St. Louis Section

Mailing Address:

ASME - St. Louis Section
The Engineer's Club of St. Louis
4359 Lindell Blvd.
St. Louis, MO 63108

ASME 2003/2004 St. Louis Section Board

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