

SUSTAINING MEMBERS

HUNTINGTON INGALLS - NEWPORT
NEWS SHIPBUILDING



NONLINEAR ENGINEERING, LLC



IMPORTANT NOTICE:

To continue to receive your chapter's event notifications, please be sure to keep your email and postal addresses up to date on the ASM web site:

www.asminternational.org

We will continue to send the hard copy to members who do not have email or have requested email not be sent.

Be sure to visit the **chapter websites at:**

EasternVA.asminternational.org
asmeasternvirginia.tripod.com



Eastern VA Chapter ASM
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Eastern Virginia Chapter

Newsletter

2014 Engineers Week (EWEEK)

Richmond Joint Engineers Council (RJEC)
RJEC Engineers Week Banquet

Thursday, February 20

5:00 PM to 9:00 PM

The Jefferson Hotel

101 West Franklin Street

Richmond, VA 23220

Information: RJEC.org

Peninsula Engineers Council (PEC)
**PEC Engineers Council Annual
Banquet**

Saturday, February 22

6:00 PM to 9:00 PM

Newport News Shipbuilding

4101 Washington Avenue

Building 520 - James River Room

Newport News, VA 23607

Information: VA-PEC.org

Celebrating Engineering Ingenuity Day
ASM CO₂ Dragster Contest

Sunday, February 23, 1:00 PM to 4:00 PM

Registration: 11:30 AM to 1:00 PM, Science Museum of
Virginia, 2500 West Broad Street

Richmond VA 23220

Information: asmeasternvirginia.tripod.com or
easternva.asminternational.org

Chairman's Message:

We have many things going on this month during Engineers Week, now rebranded as EWEK (www.DiscoverE.org). First, we encourage you to participate in the banquets hosted by the two engineering councils in our area. It is a good opportunity to get to know some of the other science, engineering, and business people in our area.

The RJEC Engineers Week Banquet will be held on Thursday, Feb. 20 at The Jefferson Hotel in Richmond. The featured speaker will be Dr. Jennifer C. Stern of NASA. Reservations can be made, and more information is available, on the RJEC web site, RJEC.org.

The PEC Engineer of the Year Banquet will be held on Saturday, Feb. 22 at Newport News Shipbuilding. The guest speaker will be Mr. Stephen G. Jurczyk, Acting Center Director of NASA Langley Research Center. Reservations can be made, and more information is available, on the PEC web site, VA-PEC.org.

Our new activity this year is a CO₂ jet powered model dragster contest to be held on Sunday, Feb. 23 during Celebrating Engineering Ingenuity Day at the Science Museum of Virginia in Richmond (smv.org). It is primarily for elementary/middle and high school students, but it is open to everyone. Please see the following information below, and as always, feel free to contact me or any of the other officers if you have any questions.

Jeff Wiese

About the CO₂ Dragster Contest:

The objective of this contest is to teach students of whatever age about the importance of materials, their properties, and their selection, through the design and construction of a small, CO₂ jet powered dragster.

These vehicles are similar to the well-known Technology Student Association (TSA) CO₂ cars propelled along a straight, level track by a conventional CO₂ cartridge as used in BB guns. The materials challenge is to allow other materials of construction to reduce the weight of the vehicle to decrease the run time, but still maintain the strength required to survive two runs down the track. The participants are encouraged to think about the materials they use, and must write a one page summary of these considerations as a part of their official entries.

Cash prizes will be awarded in the Middle School and High School Divisions. Time permitting, there will also be a Senior or Open Division in which anyone may participate, so bring your ideas and let's see how fast we can make these things.

More information regarding the contest:

- This link gives a good process overview and has good links on the last page to other informative sites: <http://bit.ly/MCPVq9>
- This link gives a view of the racing action: <http://bit.ly/1fQkhOE>

The rules and other details can be found on the chapter web sites:

asmeasternvirginia.tripod.com
easternva.asminternational.org

Upcoming Events:

- Mar. 27:** Technical Talk – Plastics in Medicine (Tom Haas)
Apr.: Technical Talk – Ceramic Materials (Jim Hurst)
May: Spring Social – Colonial Shooting Academy
July: ASM Camp for teachers – Princess Ann High School in Virginia Beach
August: ASM Camp for teachers – Highland Springs High School in Richmond

Chapter Officers:

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