

SUSTAINING MEMBERS

HUNTINGTON INGALLS - NEWPORT
NEWS SHIPBUILDING



NONLINEAR ENGINEERING, LLC



IMPORTANT NOTICE:

To continue receiving your chapter's event notifications, please be sure your email and postal addresses are 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 website** at:
asmeasternvirginia.tripod.com

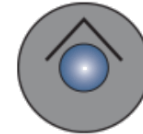


Eastern VA Chapter ASM
C/O Steven J. Gentz
2252 Towne Park Drive SW
Huntsville, AL 35803



Eastern Virginia Chapter

A Joint Meeting with the Central
Virginia Section of ASME



Commonwealth
Galvanizing
Division of Galco, Inc.

Facility Tour
**Commonwealth
Galvanizing**

Tuesday
March 31, 2015

10988 Leadbetter Road
Ashland, Virginia 23005

2:45 PM: Assemble
3:00 PM: Begin Tour
4:30 PM: Conclude Tour

Note: There is no cost for this event.

Reservations: Please notify Jeff Wiese at
804-421-7897 or wiese@nleng.com by
Friday, March 27. Everyone is welcome at
this event.

Chairman's Message:

Unfortunately, we were forced to cancel our second annual CO₂ Dragster Contest at this year's Celebrating Engineering Ingenuity Day at the Science Museum of Virginia on March 14. Due to the recent snow storms, the Virginia TSA Central Regional Fair was rescheduled for the same day so we lost our track, contest runner, and almost all of our contestants. We still had an ASM table at the Science Museum to answer questions about the society, and we helped with the ASME Egg Drop Contest since they lost most of their volunteers to the VCU spring break.

Our event this month will be our only plant tour of the season, and it is a joint affair with the Central Virginia Chapter of ASME. It should be of interest to both ASM and ASME members, so we hope to see you there.

About Commonwealth Galvanizing:

Commonwealth Galvanizing has been operational for 2 yrs this month and has 10 employees. It is the only facility in Virginia that uses the centrifuge galvanizing process. Smaller steel parts are spun at high velocity to provide an even coating on intricate surfaces such as those on threaded bolts, nuts, etc. This surface requires no extra cleaning.

No other protective coating for steel provides the long life, durability, and predictable performance of hot dip galvanizing. Besides being durable and economical, galvanized steel is completely recyclable, sustainable, and safe. Commonwealth Galvanizing has a customer-first attitude and provides a high standard of quality. They strive to be quick and responsive in an effort to process material in an expedient manner, always to meet the demands of their customers. They galvanize to ASTM 123 and 153 standards, and their capabilities include structural steel, handrails, pipe, miscellaneous fabrications, and plates and bolts.

Their motto is "You Designed it. You Built it. Now Protect it."

Met Lab Corporation

starting at \$7,295

starting at \$6,050

starting at \$2,995

www.metlabcorp.com 1-800-828-6866

FOR ALL YOUR METALLOGRAPHIC NEEDS SINCE 1968

The advertisement features a collage of metallographic equipment. At the top left is the Met Lab Corporation logo. To its right is a photograph of a laboratory with several technicians in white coats working at equipment. Below the logo are several pieces of equipment: a large white machine with a red starburst indicating a price of \$7,295; a tall black machine with a red starburst indicating a price of \$6,050; a white machine with a red starburst indicating a price of \$2,995; a microscope; a computer monitor displaying a software interface; a blue jug; and a yellow and black machine. The bottom of the advertisement has a red banner with the website and phone number, and a black banner with the company's history since 1968.

Contact any of our officers if you would like to advertise in our newsletter.

Clothing and Safety Equipment:

Since molten metal is used at the facility, please be sure that you are wearing long pants and closed toed shoes for the tour. We will also be wearing hard hats and eye protection, so if you have your own you are free to bring it, although it will be provided to those who do not.

Driving Directions from Hampton Roads Area:

Heading West on I-64:

1. Take **exit 200** for **I-295** toward **US-60/Washington/Rocky Mt NC**
2. Keep right toward **I-295N/Washington** merging onto **I-295N**
3. Take **exit 43A** on left for **I-95N** toward Washington
4. Continue 2.8 miles to **exit 86A** for **Sliding Hill Road/Virginia 656 E** toward **Atlee**
5. Merge onto Sliding Hill Road
6. Turn left onto **Leadbetter Road/State Rte 1261**
7. Continue for 0.5 mile with Commonwealth Galvanizing on right

Upcoming Events:

- April 29:** Technical Seminar** - Welding of Aluminum for Engineers by Randy Kissell, P.E.
- April:** Equilibrium Phase Diagrams* (Williamsburg)
- May:** Spring Social: All You Can Eat at Bottoms Up Pizza (Joint Meeting with ASME in Richmond)

* 1 PDH credit will be awarded for each technical presentation

** 8 PDH credits will be awarded this technical seminar

Chapter Officers:

Chairman:
Jeff Wiese
wiese@NLEng.com

Vice Chairman:
*Open
Position*

Secretary:
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Nonlinear Engineering



Engineering Analysis Services - Located in Central Virginia

Nonlinear/Linear Structural Explosive/Blast
Impact/Crash Heat Transfer
Metal Forming/Hydroforming Thermal Stress

804-421-7897

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