



Lead Lines



Eastern Pennsylvania Chapter
International Society of Explosives Engineers
www.easternpaisee.com

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The Eastern PA ISEE welcomes requests for topics, and invites readers' letters and other contributions that relate to drilling, blasting, seismology and explosives engineering.

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It's Membership Renewal Time!

Membership in the Eastern PA Chapter of the ISEE keeps you connected to news and events in the drilling, blasting and seismic fields. Members receive benefits such as quarterly newsletters, training opportunities, and informational/social events. A yearly membership costs only \$30.

To become a member or renew your membership, please complete the form featured on page 11. You can also complete the membership form online.

**Get Free T-shirts
with a Corporate Membership**



**Check out highlights from the
Sixteenth Pennsylvania
Drilling and Blasting Conference
on pages 3, 6 & 7.**



Letter from The President

Dear Chapter,

Our Chapter was awarded the Chapter Newsletter Award at the International Drilling and Blasting Conference in Denver. Thank you to Kristin Klemish for all your hard work bringing this award back to the Eastern Pa Chapter. We were well represented in Denver with two Board members, Joe Accardo and Dave Buckwalter, making presentations at the conference.



While we will not be holding a Chapter meeting this February, your Board will be meeting to put together our 2014 calendar of events. We will be discussing new venues for our meetings and our 2014 Blaster Training Conference. If you have any recommendations for venues or training presentations give us a call or email with your suggestions. Nominations are now open for the 2014 Chapter Board. If you are interested in getting involved or would like to nominate someone you can email me at smueller@bluestonedrilling.com.

On behalf of the 2013 Penn State Drilling and Blasting Conference planning committee (Danny Ray Leach, Chuck Tomlin, Randy May, Matt Tomlin and Scott Mueller), thank you to everyone who attended the conference. We hope you all found the conference rewarding and educational. If you are interested in joining the 2015 Drilling and Blasting Conference planning committee we are always looking for new members.

Stay safe,

Scott



The Sixteenth Pennsylvania Drilling and Blasting Conference

On November 14 and 15, 2013, the Sixteenth Pennsylvania Drilling and Blasting Conference was held at The Penn Stater Conference Center Hotel, in State College, Pennsylvania.

The conference welcomed underground and surface blasters, engineers, suppliers, and other professionals associated with drilling, blasting, and explosives. This year's conference was attended by over 450 people, 30 presenters, 46 exhibitors, and 3 large outdoor drill exhibitors.



The conference program committee, which is comprised of university faculty, staff, and industry leaders, developed a program that highlighted a varied and impressive list of speakers, including Winston Forde, Executive Director of ISEE. The conference included a breakout session on underground topics and a breakout session focused on math calculations relevant to real-world practice in drilling and blasting.

The conference was sponsored by Penn State's College of Earth and Mineral Sciences and the John and Willie Leone Family Department of Energy and Mineral Engineering, the Mid-Atlantic Chapter of ISEE, the Eastern Pennsylvania Chapter of ISEE, and the Pennsylvania Department of Environmental Protection. In addition, this conference had fourteen company sponsors.

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Planning for the next Chapter Meeting is underway!

Please check the website and your inbox for details.

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The Sixteenth Pennsylvania Drilling and Blasting Conference



Rick Lamkie presented Mark Eckley, PA DEP, Deep Mine Inspector, with an award upon his retirement from PA DEP and in recognition for his work with the PA Drilling and Blasting Conference Committee



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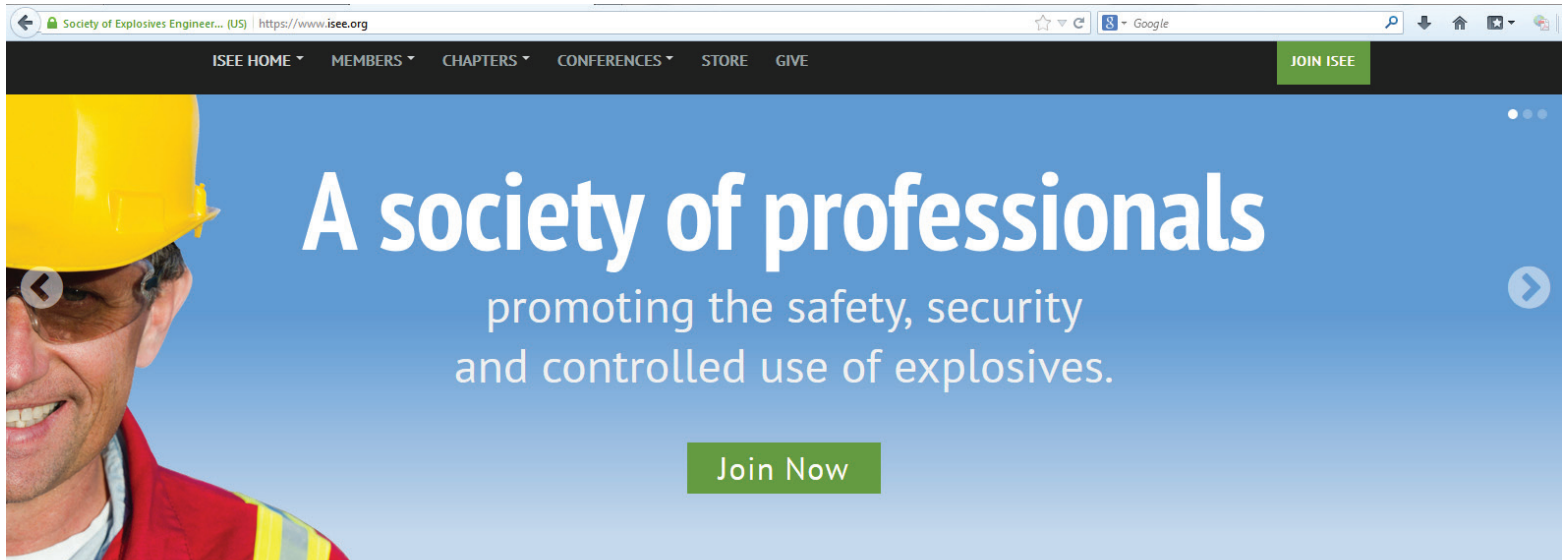
Exhibit Winners - Deep Earth Logic



Thank you to everyone who attended and exhibited!



ISEE Launches New Website!



We are **the world's largest** professional association for explosives engineers.

Check out the new ISEE website at www.isee.org. It has an enhanced Blasters' Library resource and is now smart phone and tablet friendly.

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Note From the Editor

If you have any articles or pictures you would like to share with the rest of the Eastern PA ISEE community, please email them to kristink@vibratechinc.com.

Our website now features the ability to pay for memberships using a credit card through Paypal. Even if you don't have a Paypal account, you can still use this feature by logging in as a guest. Please direct any questions to Nate at 610.972.6486.



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Do You Know the Geologic History Behind the Curling Stone?

Every Olympic curling stone comes from an island off the coast of Scotland called Ailsa Craig according to an article published in *Scientific America*.

The article goes on to say that, “The 220-acre island, about 10 miles from mainland Scotland, is the source of two varieties of granite used in elite curling stones. Blue hone granite makes up the layer that glides down the ice, and common green granite makes up the middle layer, or striking band. ‘The layer of rock that runs along the ice doesn’t chip or absorb water, but most important, it’s very predictable on ice—you know what your shots are going to do,’ [Erika] Brown, [skipper of the U.S. women’s team] says. ‘And the middle layer doesn’t break when the stones collide.’”



So as you cheer on the USA Curling Teams, take time to appreciate the geologic science behind each 44-pound rock.

For more information or to read the article, visit <http://www.scientificamerican.com/article/from-scottish-magma-to-sochi-ice/>.

Stay Safe in the Cold Weather

This winter has been extremely cold! If you work outside, you know how dangerous the cold temperatures can be. According to the U.S. Department of Labor, Occupational Safety & Health Administration, “Prolonged exposure to freezing or cold temperatures may cause serious health problems such as trench foot, frostbite and hypothermia. In extreme cases, including cold water immersion, exposure can lead to death. Danger signs include uncontrolled shivering, slurred speech, clumsy movements, fatigue and confused behavior. If these signs are observed, call for emergency help.”

For more tips, visit https://www.osha.gov/as/opa/cold_weather_prep.html.





**2014 NEW MEMBERSHIP APPLICATION
OR MEMBER RENEWAL FORM**
If you have not yet renewed, please do so soon!!!
Your support is appreciated!

Name (Please Print)_____ Date_____

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List Blaster Licenses Held_____ Are you a member of the I.S.E.E.?_____

I hereby apply for_____ Membership / _____ Renewal of Membership in the Chapter

A check payable to **Eastern PA Chapter I.S.E.E.** to cover my dues is enclosed. Chapter dues are **\$30.00** per year.

If accepted for membership, I agree to comply with the Constitution, By-Laws and Regulations of the Chapter.

**Make checks payable to:
send to:**

**Eastern PA Chapter I.S.E.E.
Nate Schultz
American Rock Mechanics Inc.
7531 Chestnut St.
Zionsville, PA 18092**

Signature of Applicant

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