



Lead Lines



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

Volume 26 Number 2

Spring 2019

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

Executive Committee

Scott Mueller, President
215-518-9833

Rusty Taft, Vice President
610-866-0932

Ethan Huff, Treasurer
570-455-5861

Danny Ray Leach, Secretary
717-574-4024

Board of Directors

Matt Tomlin 610-965-2444

Doug Rudenko 570-455-5861

Justin Smith 610-926-7070

Don Haney 570-729-0405

Jerome

Kostantewicz 610-393-6020

John Benedict 484-626-2789

Dave Harrison 724-449-6250

Regulatory Committee

John Benedict

Program Committee

Danny Ray Leach

Training Committee

Dave Harrison

Membership Committee

Doug Rudenko

Newsletter Editor/Webmaster

Kristin Klemish

May Chapter Meeting

Thursday, May 9, 2019

1760 Pub~n~Grille

1176 Trexlertown Road, Trexlertown, PA 18087
Located at the corner of 222 & Trexlertown Road

5:30pm - Registration/Meet and Greet

6:00pm - Dinner

6:30pm - Guest Speaker

7:30pm - General Meeting

Guest Speaker:

Sandy Tavelli, Sr.

Technical Manager for Electronic Detonators

Dyno Nobel

Presenting:

Electronic Detonator Accuracy with NONEL Simplicity

Please RSVP to Dan Leach

717.574.4024 or danleach58@gmail.com

The cost is \$30.00 per person.

Please make checks payable to: Eastern PA Chapter ISEE



Letter from The President

Dear Members,

As usual we have an exciting year planned for our Membership! In May we will host our Chapter meeting in Allentown with guest speaker Sandy Tavelli of Dyno Nobel. At this meeting we will be voting on new Chapter leadership. I encourage everyone to attend and participate.

Then in the Fall we will host our Clay Shoot & BBQ in October and we will see everyone at the Pennsylvania Drilling and Blasting Conference in November.

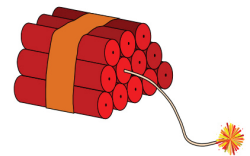
There are lots of opportunities for members to get involved in the coming months and we hope to see you and some new members at these upcoming Chapter events.

Best regards,

Scott

Explosives Insurance

- Exclusive Program for over 25 years
- Dedicated Explosives Service Team
- Over 200 Explosives Clients
- In House Claim Specialist



Call us for a complete insurance review 800-980-9484

Billy Bangs ext 51742
bbangs@aga-us.com

Jana Kostantewicz ext 51748
jkostantewicz@aga-us.com



A division of Marsh USA Inc.



Eastern Pennsylvania Chapter Clay Shoot & BBQ

On Thursday, October 24th the Eastern Pennsylvania Chapter will host it's third annual Clay Shoot and BBQ. Join us at 11:30am for a BBQ lunch followed by a mandatory 12:30pm safety class and 1pm start at the Lehigh Valley Sporting Clays course in Coplay, PA.

The event is FREE for members. Non-members will be charged \$35 for a 2020 Chapter Membership. Registration includes a BBQ lunch, 8 station course with 50 rounds, and friendly competition. Ear protection is provided. You are encouraged to bring eye protection or purchase glasses for \$10.00. Prizes will be awarded!

Clay Shoot & BBQ

October 24th

Lehigh Valley
Sporting Clays

2750 Limestone St.,
Coplay, PA

If you are interested in registering, please complete the attached form on page 4. We also have station sponsorship opportunities available.

SAVE THE DATE!
2020 Clay Shoot & BBQ
May 22, 2020
Lehigh Valley Sporting Clays

Mining mastermind

Evolve to meet challenges with the intelligence and strength of SmartROC rigs from Epiroc.

Jim Crawford (PA)
443-695 3949

Craig Mooney (MD-VA)
443-695-3945

Branch Office / Service
410-671-6700

epiroc.com



Eastern Pennsylvania Chapter Clay Shoot & BBQ



Thursday, October 24, 2019

FREE for Members

\$35 for Non-Members

11:30am - 5:30pm

Lehigh Valley Sporting Clays

2750 Limestone St., Coplay, PA

Name_____

Company_____

Address_____

Phone_____ Fax_____

Email_____

Deadline to register is Thursday, October 17, 2019

Your registration includes a BBQ lunch, 8 station course with 50 rounds and a golf cart per team of 4. Ear protection is provided. You are encouraged to bring eye protection or purchase glasses for \$10.00.

You can bring your own gun and ammo (7.5-9 lead shot only).

Prizes will be awarded!

The event is FREE for Members.

Non-Members will be charged \$35 for a 2020 Chapter Membership.

Non-members - please complete the membership form on page 19 and this registration form to sign-up.

Send to:

Eastern PA Chapter I.S.E.E.

Ethan Huff

c/o Vibra-Tech Engineers, Inc.

109 East First Street, Hazleton, PA 18201

ethanh@vibratechinc.com

Eastern Pennsylvania Chapter Clay Shoot & BBQ



Sponsorship Commitment Form

☐

Clay Shoot Station Sponsor for \$250

Your company logo will appear on station sign

Contact Person _____

Company _____

Address _____

Phone _____ Email _____

Please complete this form and email/fax it to Ethan Huff
Email address: ethanh@vibratechinc.com Fax: 570-455-0626

Payment can be made by credit card or check. Please select your payment option.

☐ Credit Card - An invoice will be sent via email to the address listed above
(please make sure your email is clearly printed and accurate)

☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: Ethan Huff, c/o Vibra-Tech Engineers, Inc.
109 East First Street, Hazleton, PA 18201



Tony Sosnoskie, CEO
Office: 570-246-5690
Cell: 540-270-6243
tsosnoskie@blastingexchange.com



James M. Miller
J.M. Miller, Inc.
www.jmmillerinc.com

301 Airport Road
Indiana, PA 15701

(724) 349-8850 phone
(724) 349-8852 fax
(724) 388-7505 cell

jmill@jmmillerinc.com



Meeting the equipment needs of mining & construction industries in Pennsylvania, Ohio, Maryland, Northern Virginia & District of Columbia



Furukawa Rock Drills provide the ultimate combination of performance and economy. Built tough, our Top Hammer, DTH and Pneumatic Drills are equipped with features that maximize efficiency to assure high-performance at a low operating cost.

To learn more, visit us online at www.FRDUSA.com or call **800.527.2282**.



Contact **EAST WEST DRILLING** for more information on FRD drills:

Tony Morell
Eastern PA Sales Rep
570.780.9325

Reggie Keller
Western PA, OH, MD, Northern VA & DC Sales Rep
570.217.7636



Scan this code for more information on FRD USA.



EAST WEST DRILLING

EAST - WEST DRILLING
• BULK LUBRICANT, ANTIFREEZE & GREASE
• CUSTOM MADE HYDRAULIC HOSES
• CUSTOM MACHINING

Providing Quality Parts & Equipment to the Drilling Industry for Over 30 Years!



www.ewdrilling.com | info@ewdrilling.com | 570-966-7312



Register Today!

The Nineteenth Pennsylvania Drilling and Blasting Conference

November 14-15, 2019

The Penn Stater Conference Center Hotel
State College, Pennsylvania



Conference Themes:

The conference is for underground and surface drillers and blasters, engineers, safety personnel, construction professionals, suppliers, and regulatory personnel. Two years ago, 350 practitioners and 58 exhibitors came together to discover new approaches related to the industry, and other professionals associated with drilling, blasting, and explosives. The conference will cover new products and equipment, recent developments in blasting practice, safety, improved fragmentation, vibration control, and changes in regulations.

For more information or to register,
please visit the conference website at
<https://blasting.outreach.psu.edu/>.

Rocky Rift Consulting, Inc.

- Pre-Post Conditional Inspections
- Seismic Monitoring
- Damage Claim Investigation
- MSHA Training
- Blasting/Utility Inspector

DON HANEY
966 Calkins Road
Milanville, PA 18443

(570) 729-0405
Cell (570) 656-2273
dlhaney@ptd.net



**MAURER & SCOTT
SALES, INC.**

122 E. Thomas Street
Coopersburg, PA 18036-2100

Office 610-282-8900
Fax 610-282-9800
Email: info@maurer-scott.com

IDEALBLASTING.COM



Jeremy Stafford

Vice President

800-533-0144

JEREMY@IDEALBLASTING.COM



Eastern PA Chapter Awarded at ISEE Conference

The Eastern Pennsylvania Chapter won several awards at the 45th ISEE Annual Conference on Explosives & Blasting Technique held at the Gaylord Opryland Resort & Convention Center, Nashville TN.

Our Chapter was acknowledged with the Chapter Newsletter Award, the Chapter Website Award and Kristin Klemish was awarded the Chapter Volunteer Service Award.

Representing the Eastern Pennsylvania Chapter at the Chapter Management Workshop were Danny Ray Leach, Kristin Klemish, and Douglas Rudenko.



SEE Scholarship Reminder

This year, the SEE Education Foundation will be awarding \$88,000 USD in scholarships to students pursuing degrees related to the explosives industry. This year will also feature an inaugural award from the Dale Ramsey Memorial Scholarship Fund. The deadline to apply is May 3, 2019. To learn more or to apply, please visit

<https://www.isee.org/students>.

WATER GUARD
WATER RESISTANT BLAST HOLE CASING

- Custom Sizes
- 48 Hour Turnaround
- No Minimums

YAZOO
MILLS, INC.
MANUFACTURERS OF PAPER TUBES AND CORES
800-242-5216
sales@yazoomills.com
www.yazoomills.com

An aerial photograph of a city, likely San Francisco, with a large, deep crater in the foreground. The crater is filled with a large plume of dust and debris, suggesting a recent explosion or collapse. A car is visible on the right side of the image, near the edge of the crater. The text "YOU CAN'T MANAGE WHAT YOU DON'T MEASURE." is overlaid in white, bold, sans-serif font on an orange background strip across the middle of the image.

**YOU CAN'T MANAGE
WHAT YOU DON'T MEASURE.**

GeoSonics  **Vibra-Tech**

VIBRATION

GEOTECHNICAL

NOISE

AIR QUALITY

ENVIRONMENTAL

GeoSonics/Vibra-Tech provides expert monitoring and consulting services to help mitigate risk. Our Re:mote Monitoring Technology continuously collects and posts to a customized website, while keeping personnel notified through email and text alerts, so your data is always at your fingertips.

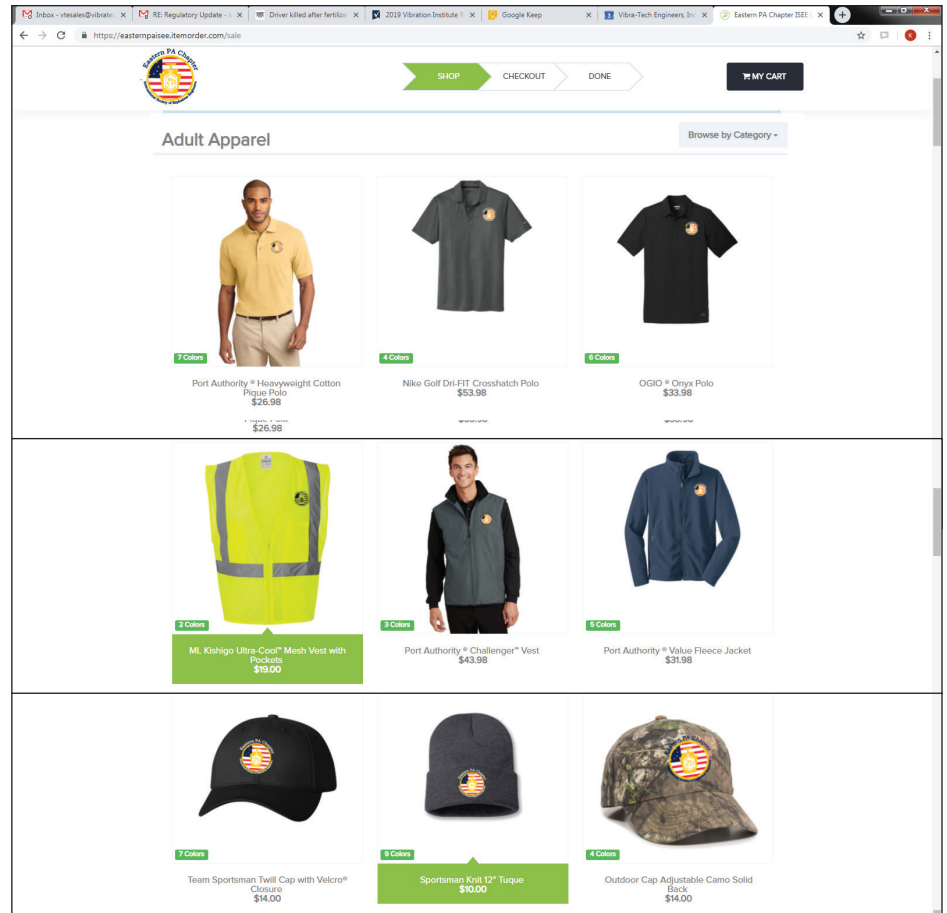
[**geosonicsvibratech.com**](http://geosonicsvibratech.com)



Chapter Merchandise Now Available

Interested in purchasing a Chapter jacket or does your company want to purchase polo shirts for all of your member employees?

The Eastern Pennsylvania Chapter recently launched its online merchandise store! Members can purchase polo shirts, jackets, and vests in a variety of colors and individual specific sizes. And best of all, its shipped directly to your door. Check out the Chapter merchandise store at <https://easternpaisee.itemorder.com/sale>.





Pennsylvania 811

Damage Prevention Starts with One Call. sm

Dial 8-1-1 Before You Dig.

PA Law Requires 3 Business Days Notice

1-800-242-1776

www.paonecall.org



NOMIS SEISMOGRAPHS

Meeting Your Seismographs Needs for Over 35 Years



The Mini-SuperGraph II

- Sample rates up to 16k
- USB connectivity for your downloading ease
- Thumb drive capability with synchronization

Now Available with GPS

Internal GPS eliminates the need for additional equipment while automating the location process. The latitude and longitude coordinates with UTC time are within the event.



Easily view your location in Google



We provide everything needed for remote monitoring including but not limited to modems and security boxes.

Ask us about

NOMIS
Complete
Cloud Services

We have agents around the world to assist you. Consult our website or contact us directly to find the best fit for you.

sales@nomis.com

www.nomis.com

support@nomis.com

1-800-749-2477

Rock Solid Machines Made in Birmingham, Alabama U.S.A. with Pride and Expertise **Unshakeable Service**



DOT: Update on FMCSA's Proposal for Hours-of-Service (HOS)

Last Friday, Transportation Secretary Elaine Chao announced that, as expected, the Department of Transportation has sent its Notice of Proposed Rulemaking (NPRM) to reform the HOS to the White House Office of Management and Budget (OMB).

The details of the proposed changes are not yet public while the OMB reviews and approves the proposal. However, reflecting on the Advanced Notice of Proposed Rulemaking in late-August, FMCSA intends to look at providing further flexibility for drivers to better plan for taking breaks and ensure safer parking.

Once through the OMB, which should be no more than 90 days, the FMCSA will publish the NPRM on the Federal Register, at which point it will be open for public comment.

FMCSA's Administrator Ray Martinez has been open to working closely with the industry to hear concerns and to address HOS as a key priority for the agency. It is likely that we see this proposal progress throughout this year.



Ph: 800-634-6250 or 502-859-3850

Fx: 502-859-3851

E-mail: sales@blasterstool.com

Complete on-line catalog:
www.blasterstool.com



Large Selection of Products, Competitive Pricing
and Complete Customer Satisfaction.



YOUR ONE STOP SHOP

- Oil & Gas
- Mining & Aggregate
- Construction & Foundation
- Waterwell & Exploration

Somerset, PA • Punxsutawney, PA • Norwich, OH

keystonedrill.com • sales@keystonedrill.com



 **Epiroc** (800) 221-0586 **DOOSAN**

Driver killed after fertilizer truck explodes in south Arkansas; area evacuated after blast that was heard miles away

By Youssef Rddad, Josh Snyder, Arkansas Democrat-Gazette, Inc., Posted 03/27/2019

The driver of a truck hauling fertilizer chemicals was killed when the truck's wheels caught fire and it exploded in southern Arkansas Wednesday morning, causing a boom that was heard for miles and prompting an evacuation of the surrounding area, authorities said.

Multiple state and local officials confirmed the fatality, as well as three firefighters injured from the blast, which happened about 6:45 a.m. after the truck flipped on U.S. 278 near Arkansas 57.



The driver of a fertilizer truck was killed after his truck exploded west of Camden on Wednesday, March 27, 2019. The explosion was heard for miles and prompted an evacuation of the surrounding area, authorities said. - Photo by Thomas Metthe

Read the full story at <https://www.arkansasonline.com/news/2019/mar/27/fertilizer-truck-explosion-spurs-evacuations-south/>.

STEMLOCK[®]
INCORPORATED

Stemlock Gas Bags[®]

Tom Jenkins
President

4200 NE Port Drive
Lee's Summit, MO 64064
www.stemlock.com
tjenkins@stemlock.com

toll-free: 800.795.0714 • office: 816.795.7662
mobile: 816.260.4026 • fax: 816.795.7718

BETTER BLAST
CONTROL



Dave O'Brien
Area Manager

Terra-Mechanics, Inc.

P.O. Box 5137
Limerick, PA 19468
Phone: 610-970-6950
www.Terra-Mechanics.com
E-mail: Dave.Obrien@Terra-Mechanics.com

Chapter Meeting Held Jointly with Mid-Atlantic Chapter and Penn State Student Chapter

On March 13, 2019 the Penn State Student Chapter of the ISEE hosted the Eastern Pennsylvania Chapter and the Mid-Atlantic Chapter of the ISEE for a joint meeting at Penn State University. In attendance were 18 ISEE Chapter members and 12 Student Chapter members. Mohammad Rezaee, Ph.D., Faculty Advisor opened the meeting with welcoming remarks and introductions. Jose Priante Quiala, Student Chapter President and Joelson Patricio Manuel, Student Chapter Treasurer started the session by asking each ISEE Chapter member to introduce themselves. The Student Chapter then presented a thank you gift to each Chapter member in attendance.

Patrick Lang, ISEE Membership/Education Foundation Manager highlighted the ISEE organization, membership benefits, networking, and scholarship opportunities. Guest speaker, Tom Hairhoger, Divisional Technical Manager, Austin Powder Company then gave a presentation titled, "Using Electronic Detonators in an Underground Mine." An open discussion



Pictured left to right are Patrick Lang, ISEE; Joelson Patricio Manuel, Student Chapter; Jose Priante Quiala, Student Chapter; and Tom Hairhoger, Austin Powder Company

Continued on page 15



Ed Ciocco
Account Manager
eciocco@iexpesco.com

2700 W. Center Street • Tremont, PA 17981
Cell 484.614.9313

Explosives handling equipment since 1957.



Chris Ledford
Field Service Technician
cledford@treadcorp.com

Office (540) 982-6881 ext 240 176 East Park Drive - Roanoke, VA 24019
Mobile (540) 353-1202 Bulk Trucks, Matrix Mixing Plants, & Storage
www.TreadCorp.com Parts, Service, & Training

Joint Chapter Meeting Continued

about internship opportunities followed. Donated industry promotional items, including an ISEE Blasters Handbook, were raffled off to the students.

The Student Chapter invited the Eastern Pennsylvania and Mid-Atlantic Chapters back to their meeting next March and the students were invited to participate in the November 2019 Penn State Drilling and Blasting Conference.



Do you have a Job or Internship Opportunity Available?

If you have a job or internship opportunity available, the Penn State Student Chapter and the ISEE Emerging Professionals Committee would like to learn more. Both organizations are actively looking for opportunities to share with their membership. Please include the below individuals in your distribution listings.

Mohammad Rezaee, Ph.D., Penn State Faculty Advisor at m.rezaee@psu.edu

Mike Allen, ISEE Emerging Professionals Chair at Mike.Allen@martinmarietta.com



YOUR TEAM WORKS TOGETHER. So Does Ours.

Like the members of every great team, each product in the Instantel® monitoring suite plays a role in the success of your projects.

- Vision™ cloud-based data hosting — Provides reliable, secure access to whatever data you need, wherever you are.
- Micromate® vibration and overpressure or noise monitor — Built to last, the Micromate redefines the industry standards for functionality and ease of use.
- Minimate Pro® vibration and overpressure or noise monitor — Unlocks the power of advanced software to deliver deep data analysis and visual graphing.

Instantel. Be Visionary.



1-800-267-9111
613-592-4642
Sales@Instantel.com
www.Instantel.com



2019 NEW MEMBERSHIP APPLICATION OR MEMBER RENEWAL FORM

Your support is appreciated!

Name (Please Print)_____ Date_____

Company Name_____

Mailing Address_____

City_____ State_____ Zip_____

Home Phone_____ Work Phone_____

Email Address_____

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

Please select your membership type:

- ☐ **Individual** - Chapter dues are \$35.00 per year.
- ☐ **Deluxe Corporate Membership** - Dues are \$250.00 for up to 10 members plus a 1/2 page ad in the quarterly newsletter (\$180 value). Please provide members name and email address.
- ☐ **Corporate Membership** - Dues are \$150.00 for up to 5 members plus a business card ad in the quarterly newsletter (\$60 value). Please provide members name and email address.

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

Signature of Applicant

Payment can be made by credit card or check. Please select your payment option.

- ☐ Credit Card - Visit the Chapter website to pay online (<http://www.easternpaisee.com/membership/>) or contact Ethan Huff to pay over the phone.
- ☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: Ethan Huff
c/o Vibra-Tech Engineers, Inc.
109 East First Street
Hazleton, PA 18201
ethanh@vibratechinc.com

Lead Lines



Advertising 2019

Place your Ad!

| | | | |
|-------------------------|----------|--------------------------|----------|
| Full Page (1 Issue) | \$100.00 | Full Page (4 Issues) | \$300.00 |
| 1/2 Page (1 Issue) | \$60.00 | 1/2 Page (4 Issues) | \$180.00 |
| 1/4 Page (1 Issue) | \$35.00 | 1/4 Page (4 Issues) | \$110.00 |
| Business Card (1 Issue) | \$20.00 | Business Card (4 Issues) | \$60.00 |

Name _____ Date _____

Company _____

Address _____

Day Phone _____ Fax _____

Ad Size _____ No. Of Issues _____

Check enclosed in the amount of \$ _____

Payment can be made by credit card or check. Please select your payment option.

- ☐ Credit Card - Visit the Chapter website to pay online (<http://www.easternpaisee.com/advertise-with-us/>) or contact Ethan Huff to pay over the phone.
- ☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: **Ethan Huff, c/o Vibra-Tech Engineers, Inc.**
109 East First Street
Hazleton, PA 18201
ethanh@vibratechinc.com