



Lead Lines



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

Volume 29 Number 1

Winter 2022

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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Time to Renew Your Membership

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, regulatory and safety updates as well as informational/social events.

A yearly membership costs only \$35.

To become a member or renew your membership, please complete the form featured on page 22. You can also find the membership form online.

Save with a Corporate Membership!

Your corporate membership includes 5 or up to 10 memberships along with free advertising in the quarterly newsletter. See page 22 for details.

Did you Know?

Our Chapter earns \$5 back from the ISEE for every member of our Chapter that is also an ISEE member.

Not a member of the ISEE, joint today!

Lead Lines



Letter from The President

Dear Members,

We concluded 2021 with some great in-person events like the 5th Annual Clay Shoot and BBQ as well as the Blasters Training event co-hosted by the Eastern PA Chapter and the Mid-Atlantic Chapter. We also continued to stay connected to the ISEE Penn State Student Chapter through our virtual meetings.



In January, the ISEE held their annual conference at the Paris Hotel and Casino in Las Vegas, NV. It was great to see everyone in-person again and our Chapter was recognized for its service to the industry.

As we look ahead, we have some great meetings and events lined up for 2022! We will be co-hosting an international virtual meeting with the ISEE Penn State Student Chapter and the Peru Chapter. Likewise we are planning an upcoming meeting and we have our 6th Annual Clay Shoot & BBQ scheduled for Friday, November 4th.

Best regards,

Scott

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Eastern Pennsylvania Chapter Awarded at ISEE Conference

The annual ISEE conference was held January 28 - February 2, 2022 at the Paris Hotel and Casino in Las Vegas, NV. The conference was attended by 115 exhibitors and over 1,400 people from around the world. The Eastern Pennsylvania Chapter was represented at the Chapter Workshop Meeting



on Sunday, January 30 by Scott Mueller, Danny Ray Leach and Douglas Rudenko. The Eastern Pennsylvania Chapter was awarded The Chapter Service Award for the PA Blasters Training

Seminar in 2021, the Chapter Communications Award, Chapter Quality Award, and the Chapter 25th Anniversary Award from 2020. Scott Mueller and Douglas Rudenko were awarded the Chapter Volunteer Appreciation Award.



The Penn State Student ISEE Chapter was also in attendance at the ISEE Conference. From left to right are: Dan Buonanno, Darby Adams, Nick Boras, and Cal Kroczyński.

Eastern Pennsylvania Chapter Clay Shoot & BBQ

On October 28, 2021, the Eastern PA Chapter ISEE hosted the 5th Annual Clay Bird Shoot and BBQ at Lehigh Valley Sporting Clays (LVSC) facility in Allentown, PA. The LVSC facility is built on an old quarry site that utilizes the ponds and the old limestone structures for the challenging course. There were 51 attendees and 45 shooters that participated in the event.

First place winner was Phil Gosnell from New Enterprise Stone & Lime, second place winner was Jordan Fausel from EPIROC, and third place winner was Isaac Bitner from East West Drilling.

The 1st Lewis class winner was Brian Boney from East West Drilling, 2nd Lewis class winner was Mike Pruss from Michael Pruss Consulting, and 3rd Lewis class winner was Tim O'Quinn from Sandvik.

The shotgun raffle winner was Matt Tomlin from American Rock Mechanics.



Eastern Pennsylvania Chapter Clay Shoot & BBQ



Special Thanks to our Sponsors:
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The Facts About Obtaining an OSHA Card

Many job creators ask their workers to obtain an OSHA card. This often refers to the Occupational Safety and Health Administration's (OSHA) Outreach Training Program's 10-hour and 30-hour safety courses. Unfortunately, there has been an increase in fraudulent activity related to these courses over the past several years. Knowing the facts can help workers avoid fraudulent trainers and courses.



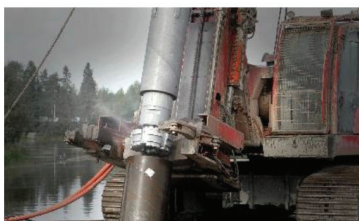
FACT: Only OSHA-authorized trainers may teach 10- and 30-hour safety courses and issue OSHA student course completion cards.

The 10-hour safety course covers general safety and health hazards for entry-level workers. The 30-hour safety course provides a greater variety of safety subjects and in-depth, industry-specific training and is intended for supervisors and workers with safety and health responsibility. While fraudulent actors may advertise OSHA 10-hour training, only OSHA-authorized trainers can issue course completion cards at the end of the training.

Continued on page 11



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Blasters' Training 2021

On November 10, 2021, the Eastern Pennsylvania & Mid-Atlantic ISEE Chapters hosted a Blasters Training event at the Blair County Convention Center in Altoona, PA. Nearly 130 individuals attended the 1-day training. The event featured an impressive lineup of speakers talking about the newest technology and best practices in the industry.

Additionally, Alpha Safety USA, Dimension Supply, Inc., DRW Associates, Inc., East West Drilling, Epiroc, Gill Rock Drill Co., Inc., International Society of Explosives Engineers, Inc., Mincon, MTI USA, Orica USA, Pennsylvania One Call System Inc., Pneu Wave Consulting, R.A. McClure Inc., RESPEC, Sauls Seismic, Stemlock, Inc., Strayos, Terra-Mechanics, Inc., Vibra-Tech Engineers, Inc., Wampum Hardware Co. and Yazoo Mills, Inc. were exhibitors.

Special thanks to Dimension Supply, Inc., DRW Associates, Inc., East West Drilling, Gill Rock Drill Co., Inc., Orica USA, Strayos, Terra-Mechanics, Inc., Vibra-Tech Engineers, Inc. and Wampum Hardware Co. for sponsoring the training event this year.



Blasters' Training 2021



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An aerial photograph of a city, likely San Francisco, with a large, deep crater in the foreground. The crater is filled with debris and dust, and a car is visible on the rim. The city is visible in the background, with hills and buildings.

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OSHA Card Continued

FACT: OSHA publishes a public list of authorized trainers to help workers find legitimate training and avoid fraud.

OSHA provides a list of authorized trainers to find instructors for the 10- and 30-hour safety courses. The list provides trainer names and contact information, and denotes which course each trainer is authorized to teach (i.e., construction, general industry, maritime, disaster site worker). Courses are also available in Spanish and online from the appropriate authorized trainer.

FACT: Taking the course does NOT guarantee employment.

While OSHA believes this training is an important first step towards workplace safety, beware of advertisements “guaranteeing” jobs after taking the course.

FACT: OSHA does not require completion of these courses, but may require other training for workers that encounter certain workplace hazards. Although some states, cities, and job creators have mandated Outreach Training Program courses as a prerequisite to employment, OSHA does not require the training. In other cases, jobs may include workplace hazards that require training to meet OSHA standards, such as training on common chemical hazards encountered in the workplace, or operator training for specific powered industrial trucks on the jobsite. Be sure to check your local requirements and consult the relevant OSHA regulations.

Keep these facts in mind when searching for courses and trainers to ensure proper safety training and avoid fraudulent courses. If you come across any fraudulent actors, please contact the Department of Labor’s Office of Inspector General. For more information, visit the Outreach Training Program website.

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Pennsylvania's Environment Facility Application Compliance Tracking System (eFACTS)

Pennsylvania's Environment Facility Application Compliance Tracking System (eFACTS) allows individuals to search for authorizations, clients, sites and facilities. Users can also search the database to find inspection and pollution prevention visits as well as inspection results data, including enforcement information when violations are noted. DEP has also provided a name search to use when it is not known if the entity is a client, site or facility.

Continued on page 18



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US Department of Labor Announces Mine Safety Campaign

WASHINGTON – Over the past year, dozens of miners have been injured or killed in mining incidents, many of which could have been prevented with proper training and attention to tasks. This unacceptable trend has prompted the U.S. Department of Labor to initiate a new safety campaign to reach miners and educate mine operators on their responsibility to ensure a safe workplace and prevent deadly accidents.

Continued on page 15



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Mine Safety Continued

The department's Mine Safety and Health Administration announced the [Take Time Save Lives campaign](#) to reach miners, promote best practice resources, and ensure mine operators have the tools they need to fully train miners to use equipment.

“The purpose of this new campaign is simple: mine operators need to take the time to train miners on equipment and safety protocols, and miners need to take time to remember their training before they begin a task,” said Acting Assistant Secretary for Mine Safety and Health Jeannette Galanis. “While the Take Time Save Lives campaign specifically highlights best practices for frequently occurring incidents, our goal is to reach miners with a wide-ranging set of resources. MSHA will continue to ensure miners have the knowledge to stay safe on the job, but it's up to mine operators to make sure that miners are fully trained and able to take time to follow best safety practices that can prevent deadly accidents.”

Miners and operators can find training resources and safety best practices for:

- Powered haulage safety
- Roof and rib falls
- Fire suppression and prevention
- Fatality updates

[Read Acting Assistant Secretary Galanis' blog post on the new safety campaign.](#)



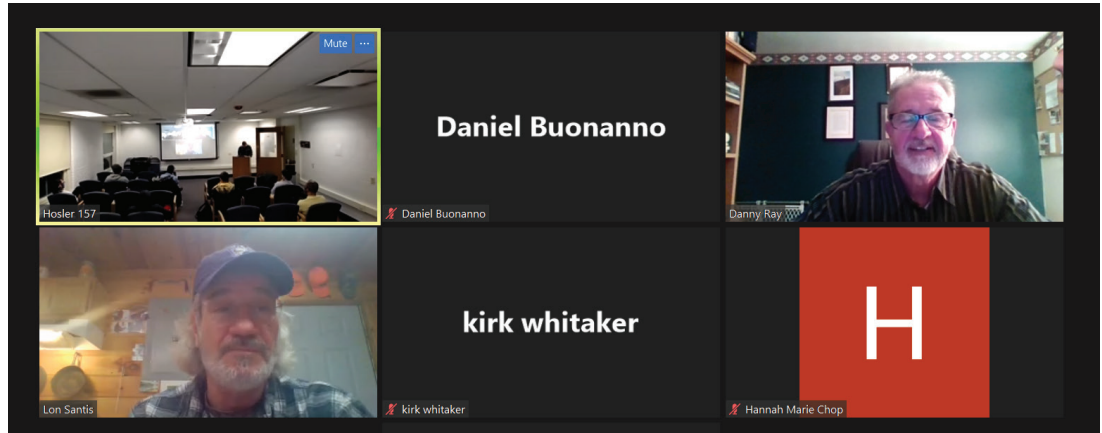
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November Joint Meeting Held

On November 30, 2021, The Penn State Student Chapter ISEE had a joint meeting with the Mid Atlantic and Eastern PA Chapters. Daniel Buonanno led the student meeting with brief announcements and

updates. Danny Ray Leach of the Eastern PA Chapter, reported on the 5th Annual Clay Shoot & BBQ and the Blasters Training event held in Altoona, Pennsylvania. Danny announced that the Eastern PA Chapter would again sponsor two students to attend two sessions of the ISEE Blaster Training Webinar Series.

The meeting was held in a hybrid ZOOM format with students participating in the classroom and several participating virtually from their homes or deer camp. Lon Santis, Manager Technical Support with MSHA was the guest speaker. He presented on the topic of hazards analysis for blasting.





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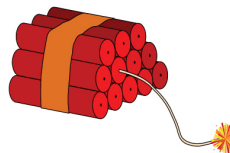
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2021



MEMBERSHIP

19

ISEE Board of Directors

7

ISEE Committees

20

Subcommittees

3,235

ISEE Members

26%

Percent of membership who have been ISEE members for over 20 years

485

New members joining ISEE in 2021

78

Countries represented through ISEE membership

28

ISEE Professional Chapters

22

ISEE Student Chapters

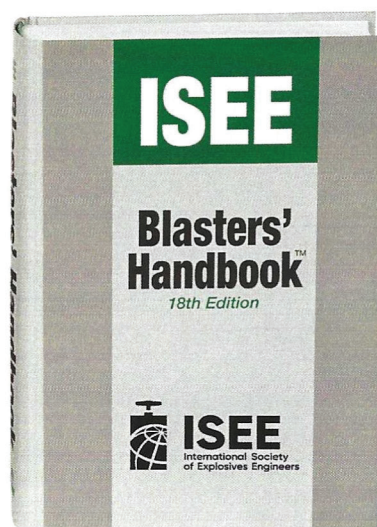
PROGRAMS AND PRODUCTS

3,758

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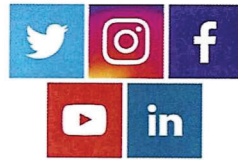
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Number of the Blasters Handbook 18th Edition sold



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3,809
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41%
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278,615

ISEE Website pageviews

OPERATIONS

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Million

ISEE's Annual Revenue
(Unaudited)



\$95,000

Scholarships Given (SEE
Education Foundation)

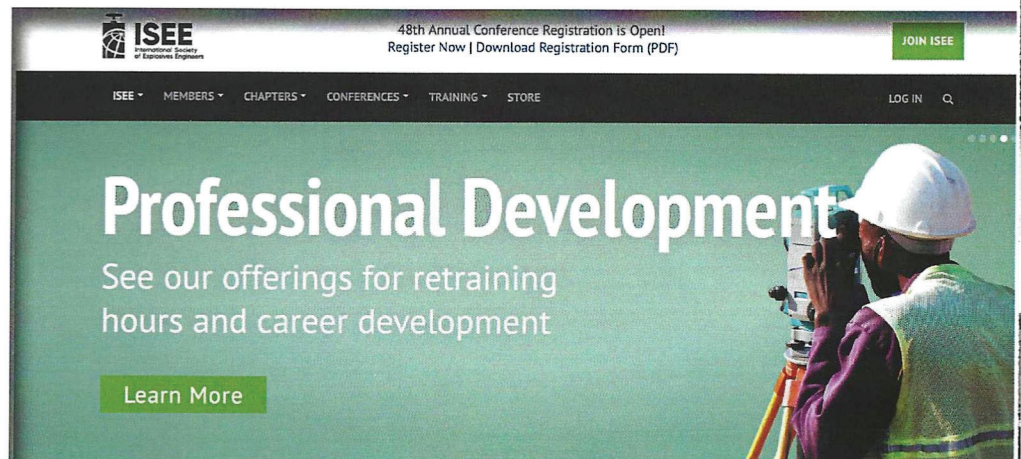
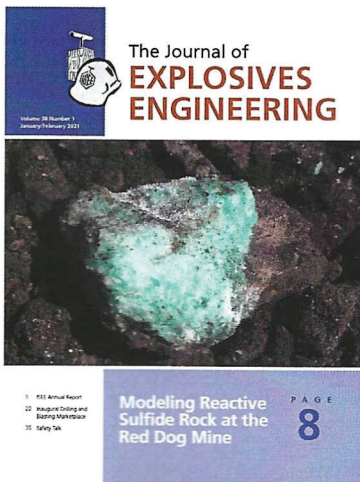
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