



December 2023
Fourth Quarter

Fire in the Hole Scroll

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BHC Calendar:

Jan. 24-27, 2024—
ISEE Annual
Conference in
Savannah, GA

Feb. 9, 2024 —
BH Chapter Meeting
with Elections in
Rapid City, SD

April 17-19, 2024—
Best in the West Drill
& Blast Conference in
Spearfish, SD

*If you have any
questions regarding
this newsletter or
would like to update
your communication
preferences, please
email Carrie at carriej@sayreassociates.com*

Thanks for reading!

Black Hills Chapter of ISEE

CHAPTER MEETING

with elections

February 9, 2024
Starting at 6:00 pm

SD Mines Alumni Building
330 E Kansas City Street, Rapid City

Sponsored by

STEMLOCK
INCORPORATED

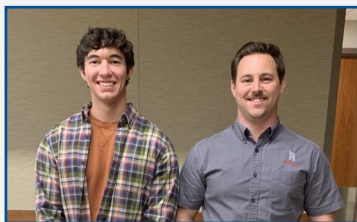
Recap of the November BH Chapter Meeting

The Black Hills Chapter of ISEE held a meeting at the SD Mines Pearson Alumni Center on November 17th, 2023. **Respec** sponsored the meeting and dinner. There was a great turnout with many students and industry professionals. As always, there were a few points to talk about for the chapter business. Then we got to hear two exceptional presentations!

Alex Bolduc, student at South Dakota Mines, presented on his summer internship blasting for a roadway expansion. He explained the constraints such as power lines, time of blast, no alternate routes, railroad tracks and nearby houses. Alex's responsibilities included quality of tracking records and loadings sheet, supply runs, drill log tracking and inventory safety. Thank you, Alex, for the great presentation!

Tyler Artz, Respec, finished off the night with an informative presentation on a blast study of a sensitive area that was challenging to access and close to infrastructure. RESPEC incorporated several technological systems to demonstrate proof blasting could occur safely. Tyler explained the value of face profiling, boretracking boreholes, assessing the geotechnical aspects of the region, and how the data can be integrated together to optimize a blast. As always, safety practices were extremely important in the study.

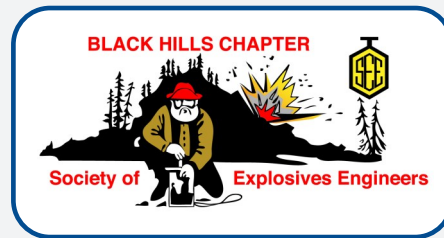
Thank you, Tyler Artz, and Respec for sponsoring the meeting!



▲ Thanks for presenting Alex (left) & Tyler (right).



SOUTH DAKOTA MINES
An engineering, science and technology university



▲ The chapter meeting had good attendance!



▲ The meeting was held in the Pearson Alumni Center at SD Mines in Rapid City. It is a beautiful space and works great for meetings.



▲ Tyler Artz presents during the meeting.

Coming in January: ISEE's 50th Annual Conference on Explosives & Blasting

From <https://isee.org/conferences/2024-conference>. Photo of Savannah by Mick Haupt on Unsplash

Join experts and professionals from around the world as we celebrate five decades of enhancing the safety, science, skill, and benefits of explosives engineering. Be part of this historic event featuring thought-provoking presentations, groundbreaking research, and unmatched networking opportunities. Don't miss the chance to shape the future at this milestone event!

Standard registration is \$895 for members and \$1050 for non-members.

ISEE has selected seven hotels for you to choose from in the Savannah area with the Westin being the closest property to the convention center where the conference will be held. You can book, modify, or cancel your hotel reservations at any time.

Additional conference events include a clay shoot, deep sea fishing excursion, Emerging Professionals Social, and International Reception.



Savannah Convention Center,
Savannah, GA
Jan. 24-27, 2024



Registration is Now Open for the Best in the West Conference on April 17-19, 2024

It's time! **Registration is now open** for the 35th Annual Best in the West Drill and Blast Conference. It will be **April 17-19, 2024** at the Spearfish Holiday Inn Convention Center in Spearfish, South Dakota. Are you ready?! [REGISTER NOW](#) or go to **bitwconference.org**.

CONFERENCE REGISTRATION

Register online at <https://bitwconference.org/>, or

Download and print the forms at <https://bitwconference.org/links.html>.

Additional activities during the conference include the Paul Muehl Memorial Trap Shoot, the Bob Martin Memorial Golf Scramble, and the Crazy Horse Mountain Tour.

HOTEL RESERVATIONS

Hotel reservations can be made online at www.holiday-inn.com/spearfishsd using **Group Code "BIW"**, or

Call the Spearfish Holiday Inn to make reservations at (605) 642-4683 or (800) 999-3541 and mention **"explosives engineers"** or **"BITW"**.

EXHIBIT OR SPONSOR

Consider exhibiting or sponsoring at the BITW! Profits are reinvested back into the promotion & perpetuation of the explosives and mineral industries in student scholarships, student chapter dues, and other assistance.

If interested, contact Paul Sterk at (405) 850-2263 or email sterk@rushmore.com.



Black Hills Chapter Membership Forms

Individual Membership for BHCISEE — 2024 Dues *

NAME (Please Print) _____

COMPANY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____ PHONE _____

FAX _____ E-MAIL _____

MEMBER STATUS: (Check One) Associate ☐ Full ☐ National ISEE # _____

Local Dues - \$25 per year Students - Free

Corporate Membership for BHCISEE — 2024 Dues *

COMPANY _____

AUTHORIZING PERSON & TITLE _____

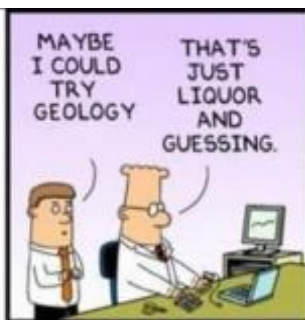
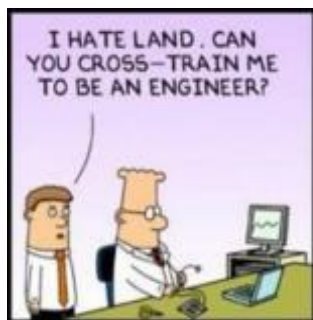
ADDRESS _____

CITY _____ STATE _____ ZIP _____ PHONE _____

Please attach a sheet with the names, addresses and e-mail addresses of each person to be included in Corporate Membership.

<u>Members</u>	<u>Annual Dues</u>
0-10	\$200
11-20	\$300
21 or more	\$500

* Mail completed application and payment to Black Hills Chapter ISEE, 3213 W Main #140, Rapid City, SD 57702 **OR** complete and pay online at www.bhisee.org under “Black Hills Chapter” (right side) then “Membership”.



WY DEQ-LQD Blasting Program Announcements

Wyoming Blaster Certification Class in Utah—January 9-11, 2024

Wyoming DEQ-LQD will hold a Blaster Certification Class on January 9-11, 2024, at the Best Western Plus Cotton Tree Inn, 10695 S. Auto Mall Drive, Sandy, UT 84070. It will be held at the Utah Core Center at 240 N. Redwood Rd, Salt Lake City, on January 11.

Please contact Reo Barney by email at reo.barney@wyo.gov or by phone (307) 675-5612 to register and confirm the number of people attending from your organization.

Please contact the Best Western Cotton Tree Inn at (801) 523-8484 with code “Wyoming DEQ Blasting Class” to reserve a hotel room. It will be \$128 plus tax per night.

This blasting course and exam will fulfill the State of Utah requirements for new certification and renewal. Please contact Vickie Southwick (vickiesouthwick@utah.gov or 801-538-5340) for additional requirements from Utah.



Wyoming Blaster Certification Class in Southwest Wyoming - TBD

The need for a blasting class in southwest Wyoming (likely Rock Springs, WY) during 2024 is being evaluated.

Contact Reo Barney by email at reo.barney@wyo.gov or by phone (307) 675-5612 if your organization would have blasters that would utilize this class.

Wyoming DEQ Webinars for Blaster Continued Education Hours Program

Wyoming DEQ-LQD has hosted a series of webinars that were previously recorded and can be used for up to 16 Blaster Continuing Education Hours (BCEH).

There is no charge for the webinars and they are available to blasters outside of Wyoming. For additional information, visit the Blasting webpage at <http://deq.wyoming.gov/lqd/coal/resources/blasting/>. The Affidavit of Attendance must be completed in order to receive BCEH.

2023 “Minerals Baby” Facts & Figures



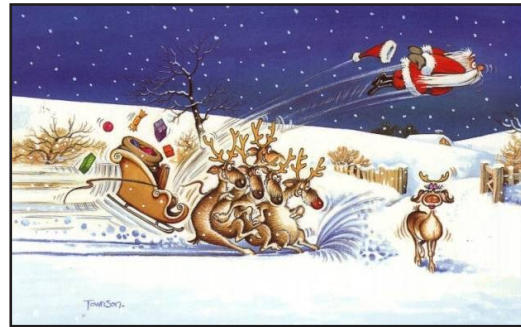
FACTS & FIGURES:

The [Society for Mining, Metallurgy & Exploration Inc. \(SME\)](http://SocietyforMiningMetallurgy&ExplorationInc.(SME)MineralEducationCoalition's) Mineral Education Coalition's 2023 “Minerals Baby” shows that an American born this year will need 3.07 million pounds of minerals, metals and fuels in their lifetime.

Read more: <https://lnkd.in/dSbj9ijv>

Got up this morning
and ran around the
block 5 times. Then
I got tired, so I picked
up the block and put it
back in the toy box.

I don't have a train of thought I have
seven trains on 4 tracks that narrowly
avoid each other when the paths cross
and all the conductors are screaming



**NOT TO BRAG
OR ANYTHING
BUT I CAN FORGET
WHAT I'M DOING
WHILE I'M DOING IT.**

Black Hills Chapter Contacts

Here are the 2023-2024 Black Hills Chapter Officers and Board of Directors. If you have any questions, comments or concerns, please contact one of these members. Your suggestions are greatly appreciated.

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