



Health and Safety Minute

Large mining equipment pose a serious risk to smaller miners and smaller vehicles. Traffic controls, hazard training, and equipment collision avoidance systems can prevent injuries and fatalities.

Key Safety Practices:

- Communicate with equipment operators before entering or exiting a work area.
- Train operators on the limited visibility and blind spot areas of large equipment.
- Do not drive or park smaller vehicles in mobile potential path or blind spots of large equipment.
- Install collision avoidance or other warning technologies on mobile equipment.

Colorado Section Chair Report

Excellent turnout again for the SME Colorado Section's virtual trivia happy hour in March! Thank you to the CSM Student Chapter for co-hosting.

As we look ahead to the fall and a hopeful return to in-person events, we are seeking members to support our Section activities and programming. If you have an interest in becoming more involved with Section, please reach out to a board member and we would be happy to work with you to put your ideas to action!

Our May Gala will again be postponed to late summer/early fall. We are tentatively planning for social networking events and guest speakers local to the Denver area to begin this fall and will partner with our two student chapters for event offerings in the Fort Collins (CSU) and Golden (CSM) areas.

The date for our Annual Scholarship Fundraiser Golf Tournament is set for August 13 at Arrowhead Golf Club. Additional details and sponsorship opportunities will be available in the coming months.

We will be holding a remote election again this year in May for the upcoming 2021-2022 board members. If you have an interest in serving the Section in one of our board positions, please reach out to me directly:

- Chair
- Vice Chair
- Treasurer
- Secretary
- Publicity Director
- Program Chair
- Golf Tournament Chair
- Director-at-Large

Thank you for the opportunity to serve as chair of the Colorado Section. As always, please do not hesitate to reach out (hammers@golder.com) if you have any questions, comments, or concerns.

Stay safe and healthy,
Heather Lammers



The SME Colorado Section cordially invites you to participate in its 2021 Scholarship Fundraiser Golf Tournament at Arrowhead Golf Club.



Join SME for a day of golf to help local mining students make the grade!

You're invited to participate in this year's Colorado Section SME golf event at the Arrowhead Golf Club. This event historically helps to fund over \$15,000 per year in scholarships for students at the Colorado School of Mines and other Colorado engineering programs. Let's have some fun while helping encourage more graduates to join the mining industry.

Included in Participation:

- 18 holes at one of the area's best courses
- Golf carts with GPS
- Range balls for warming up
- Breakfast before and lunch after play

When:

Friday, August 13, 2021

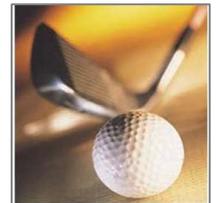
7:30 AM Shotgun Start, Four-Person Scramble

Where:

Arrowhead Golf Club
10850 Sundown Trail
Littleton, CO 80125
Phone: (303) 973-9614

Contests:

- 1st Top Team Score
- 2nd Top Team Score
- Most Spirited Team
- Men's Longest Drive
- Women's Longest Drive
- Men's Closest to the Pin
- Women's Closest to the Pin
- Longest Putt



Prizes:

Golf Shop Credits
Rounds of Golf (weekday pm)
Raffle Prizes

Questions:

Contact Alex Holtzapple at alex@metsim.com or 1-404-368-8313

Upcoming Events

Colorado MPD Annual Meeting: 24 – 26 May

The Colorado Mineral Processing Division (MPD) Subsection of the Society of Mining and Metallurgical Engineers (SME) will mark the 70th year of this conference next month. The intent and structure of the meeting is to provide a comfortable setting in which participants may attend technical sessions in a somewhat informal setting. The design of the program is such that it attracts people from a wide range of disciplines within the mining industry, and fosters camaraderie for all. Themes and Topics of the meeting and technical papers are adjusted annually to be current with social, economic, environmental, operational and financial concerns within the industry, while staying within the general topic of “Mineral Processing”.

The theme of the 2021 remains unchanged from last year: “Craft Metallurgy – Mineral Processing in the New Millennium”. The meeting will take place from May 24th to May 26th, 2021. Online reservations for the Broadmoor Hotel can be made at <https://book.passkey.com/go/SME21> or by calling the Broadmoor and mentioning the code SME21. Stay up to date with conference registration, speaker details and other information via our website www.coloradompd.com or on LinkedIn.

The Colorado MPD is committed to ensuring the health and safety of participants while continuing to provide the invaluable contact and networking possibilities for which the conference is known. Please visit the MPD website at www.coloradompd.com for details on measures being used this year to host a great conference just as the years past.



CSM 2021 E-Days: 17 April

The Colorado School of Mines SME Student Chapter and Mining Competition Team will be hosting the annual E-Days Mining Competition on Saturday, April 17 from 8am-12pm. The competition will feature jacklegging, hand steeling, Swede sawing, panning, and mucking. The event is currently limited to CSM student, staff, and faculty, and proof of a negative COVID-19 test is required to attend the in-person activities.

May Gala: rescheduled to late summer/early fall 2021

Out of an abundance of caution the annual May Gala will be postponed this year due to the on-going Covid 19 pandemic in Colorado. A Welcome Back Gala is tentatively being planned for late summer/early fall in the hopes of having an in-person event. Additional information will be provided as planning details are developed.



Interested in getting involved with your local SME Colorado Section?

We are currently looking to expand our Programs Committee and need volunteers to:

- **Assist with the Annual Golf Tournament**
 - Event planning
 - Coordinating with Arrowhead Golf Club
 - Reaching out to potential tournament sponsors and players
 - Fundraising with the CSM SME Student Chapter (e.g. mulligan and merch raffles)
 - Awards

- **Assist with monthly Section programming**
 - Tour / site visit planning
 - Reaching out to potential meeting sponsors
 - Event planning for the annual Gala awards banquet



Please consider helping us out!

If you are interested, email a board member or catch us at a meeting and we will be in touch!

Colorado Section Membership Renewal Reminder

If you have not done so already, please take this opportunity to sign-up for or renew your SME Colorado Section membership for the 2020 - 2021 year.

How to join or renew:

Online: Credit card payments can be made online by visiting our website and selecting the 2020 - 2021 SME Colorado Section Dues link under the Our Events heading.

<http://community.smenet.org/colorado/events/>

Mail: Check payments of \$25 payable to *SME Colorado Section* mailed to:

Phil Martin – SME Colorado Section Treasurer,
1400 16th St Suite 200
Denver, CO 80202-1471.

Why you should renew:

The section dues that we collect are vital to our ability to continue our programs. Our Section's focus is on advocating for our profession and industry here in our region. Some of the things that your Colorado Section dues help us to provide are scholarships for college students, majoring in mining disciplines; support for the Colorado State Science & Engineering Fair; provide teaching materials and perform outreach to Colorado science teachers through their State association, sponsorship for K-12 teachers participating in the *All About Mining – A Total Concept of the Mining Industry* course, and help support the Colorado Mining Museum and the National Mining Hall of Fame. So, by supporting the SME Colorado Section, you are directly supporting and advocating for your profession.

SME Colorado Section

Chair: Heather Lammers

hlammers@golder.com

Vice Chair: Melissa Chalona

mchalona@enganalytics.com

Treasurer: Phil Martin

pmartin@rcflp.com

Secretary: Amanda Davis

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Program Chair: James R. des Cognets

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Golf Tournament Chair: Alex Holtzapple

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Publicity Director: Kelly Donahue

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Director-at-Large: Eric Poeck

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Director-at-Large: Jon Pianetti

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Past Chair: Richard Schwering

rschwering@hardrock-consulting.com

COLORADO SECTION NEWSLETTER
MARCH 2021

The next EMCD meeting will be on **Thursday, April 8th, 2021 at 6:30 p.m.**
Presentation by **Dr. Robert Cooke** at about **7:00 p.m.**

Emmanuel De Moor is inviting you to a scheduled Zoom meeting:

Time: Apr 8, 2021 06:30 PM Mountain Time (US and Canada)
Topic: Long Distance Slurry Pipelines for Mining Projects

Join from PC, Mac, Linux, iOS or Android: <https://mines.zoom.us/j/92390696673>

Or iPhone one-tap: 12532158782,92390696673# or 13462487799,92390696673#

Or Telephone:

Dial: +1 253 215 8782 (US Toll) or +1 346 248 7799 (US Toll)

Meeting ID: 923 9069 6673

International numbers available: <https://mines.zoom.us/j/92390696673>

Or a H.323/SIP room system:

H.323: 162.255.37.11 (US West) or 162.255.36.11 (US East)

Meeting ID: 923 9069 6673

SIP: 92390696673@zoomcrc.com

We will have the pleasure of a presentation by **Dr. Robert Cooke** on:
Long Distance Slurry Pipelines for Mining Projects

Dr. Robert Cooke, a Director of Paterson & Cooke's Golden, Colorado practice, founded Paterson & Cooke with Dr. Angus Paterson in 1991. Robert has extensive international experience with slurry systems, long distance slurry pipelines, mine tailings and backfill, hydraulic hoisting and marine mining applications. He has written numerous technical papers and lectures at several courses presented by P&C and other institutions. He serves on investment assurance and technical review panels for several mining companies and provides expert technology development guidance for clients.

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Long Distance Slurry Pipelines for Mining Projects

Long distance slurry pipelines are a cost-effective method for transporting ore, concentrate and tailings for mining projects. This presentation provides an overview of long-distance slurry pipeline technology, historical development and implementation of long-distance slurry pipeline transportation systems in the United States, and describes several case studies. The presentation concludes with key considerations for implementing a long-distance slurry pipeline system.