

# SME COLORADO

**NO.3**

**MARCH 2024  
ISSUE NO 3**

## **KRUMB LECTURE**

**VIRTUAL MARCH  
MEETING**

---

## **NSTA**

**VOLUNTEERS NEEDED  
FOR MINERAL KIT BOXES**

---

## **SCHOLARSHIP APPLICATIONS**

**GRADUATE &  
UNDERGRADUATE**

---

**JOBS OF  
TOMORROW**  
**SME VIDEO SERIES**

---

## **MPD CONFERENCE**

**BACK TO THE  
FUTURE: HOW DO WE  
GET THERE?**

# FEBRUARY RECAP

## MINING 4 BEER

Thanks to everyone who showed up to Hogshead Brewing in February to connect with your mining colleagues and community!

Mining4Beer is a monthly meet up for mining professionals who enjoy networking and brews around the Denver metro area. You can find updates for the upcoming events here:

<https://www.linkedin.com/company/mining-4-beer/>



# KRUMB LECTURE

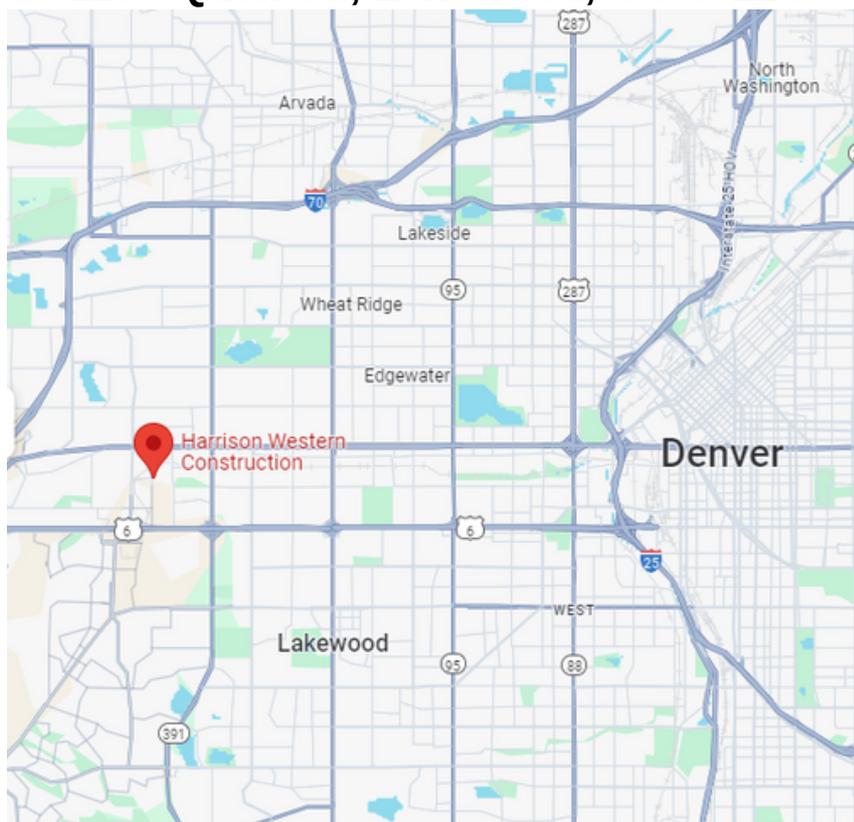
We are planning to host a virtual Krumb Lecture series lunch in March. Watch our SME page and LinkedIn for details!

# NSTA CONFERENCE

The National Science Teachers Association conference is coming to Denver from March 20-23! Please reach out to Richard Schwering ([rschwering@hardrock-consulting.com](mailto:rschwering@hardrock-consulting.com)) or Dick Beach ([dickbeach@mines.edu](mailto:dickbeach@mines.edu)) for more information!

We are also looking for volunteers to help put together Mineral Kits for the conference. Harrison Western is hosting a kit building day on Thursday, March 14th from 9a to 4p with lunch provided!

**Harrison Western**  
**1208 Quail St., Lakewood, CO 80215**



SME  
FOUNDATION

MEC

MINERALS EDUCATION  
COALITION

**NATIONAL SCIENCE  
TEACHING ASSOCIATION  
CONFERENCE**

**DENVER, COLORADO**

**MARCH 20-23, 2024**

# STUDENT SCHOLARSHIPS

**Applications are OPEN for graduate and undergraduate student scholarships!!**

We are excited to offer scholarships for students pursuing a degree in mining, metallurgy, geology, environmental engineering, or related disciplines in the state of Colorado. Application deadline is March 31st.

The SME Colorado Section awarded \$18K in student scholarships for the 2023-2024 academic year!

**Undergraduate Application:** <https://forms.gle/t4pg3afeGFLAQTV78>

**Graduate Application:** <https://forms.gle/1KGQXNU571Mq7VgQ8>

# VOLUNTEERS NEEDED

The Minerals Education Coalition (MEC) has an ongoing need for volunteers to help support events in the Denver Metro area! If you are interested in getting involved, please reach out to Dick Beach ([dickbeach@mines.edu](mailto:dickbeach@mines.edu)) for more information.

Upcoming Events:

- Mineral Kits for NTSA Conference (March 14, 2024)
- National Teacher Science Association Conference (March 20-23, 2024)
- Science and Engineering Fair (April 11-13)

# JOBS OF TOMORROW

**Check out the SME video series which  
highlights careers in mining!**

New videos in the series will be dropping this month:  
<https://media.smenet.org/jobs-of-tomorrow-series/>

# SME CO ROCKY MTN SUBSECTION

**Thursday, March 21st @ 4:45pm**

National Mining Hall of Fame & Museum

RSVP to Peter Hunter ([phunter1@fmi.com](mailto:phunter1@fmi.com))

## **David Jurich**

Mr. Jurich has over 40 years of engineering and construction management experience in the design, construction, and rehabilitation of tunnels and underground structures for domestic and international hydroelectric power plants, water resource projects, transportation, and mine development. David will be speaking about tunnel inspection with an emphasis on the ongoing repairs to Carlton Tunnel.

# EMCD MARCH MEETING

**Thursday, March 14th @ 6pm - Malone's Clubhouse Grill**

RSVP to Philip Keller by March 12th (303-974-2151 or [pkeller@energyfuels.com](mailto:pkeller@energyfuels.com))

## ***The Scenery of Bolivian Mining and Lithium***

Dr. Juan Carlos Madeni

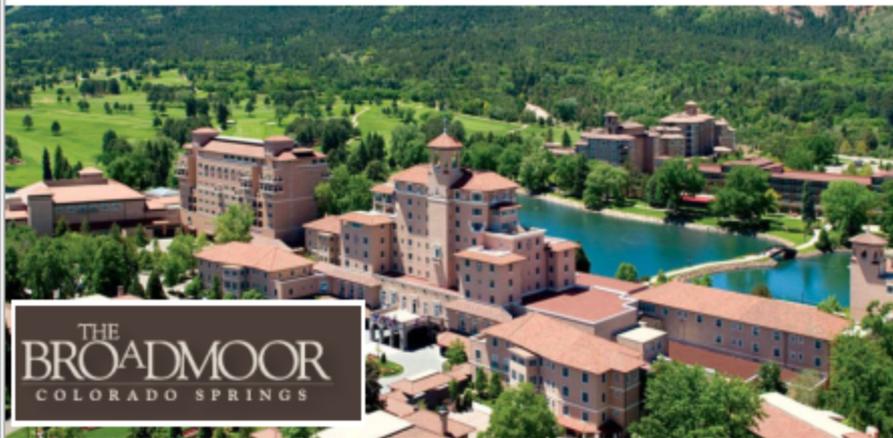
Colorado School of Mines



## **Biography**

Dr. Madeni is an engineer, a materials scientist, an entrepreneur, and an educator. Most of his professional experience is in technological innovation in materials for the aerospace, energy, petroleum, microelectronics, and glass processing industries. He served as the R&D Director for Diamond Materials Technology, a Meyer Burger Company based in Switzerland, and is currently the Head for Metallurgy and Advanced Materials at Johns Manville, a Berkshire Hathaway Company. He co-founded Fidem LLC, energy and real estate, and Mine Water SRL, mining and mineral processing. Dr. Madeni is also an Adjunct Professor at the Colorado School of Mines and teaches in the Metallurgical and Materials Engineering Department. Some of his business skills include strategic planning, acquisitions, budgeting, business development, supervision, prioritization, innovation, and direction of short- and long-term projects.

Juan Carlos is a member and leader in different professional organizations, such as ASM International, TMS, EMCD, AMPP, and AWS from which he has received awards for his research, leadership, and service. He advocates for and promotes higher education in Science, Technology, Engineering, and Mathematics (STEM); he hosts students from elementary schools through college in the scientific laboratories where he works. Juan Carlos has served as the president of the Board of Directors at STEM Generation Inc., a non-profit organization. Dr. Madeni obtained a BSc and an MSc in Metallurgical and Materials Engineering, a PhD in Materials Science from the Colorado School of Mines, and a Leadership Diploma from the University of Denver.



**THE BROADMOOR**  
COLORADO SPRINGS



**SME**  
COLORADO  
MPD SUBSECTION

# 73<sup>rd</sup> Annual Colorado MPD Meeting

## Back to the Future How do we get there?

### Technical Program:

Thursday, April 25 10:30 AM—4:00 PM  
Friday, April 26 8:30 AM—4:00 PM  
Saturday, April 27 8:30 AM—12:00 PM

### Golf Tournament:

Saturday, April 27 1:30 PM

### Spouse Activities:

Bubbles & Brunch Time TBD  
Friday, April 26

**Conference registration now open.**

**Hotel reservations currently available. Book now to ensure your spot!**

**For conference registration and details, please visit our website:**

[www.ColoradoMPD.com](http://www.ColoradoMPD.com)

You may also contact Jenny Pergola: 303-451-7677 [jenny@pumpsplusinc.com](mailto:jenny@pumpsplusinc.com)  
Richie Waller: 303-517-8664 [rswaller@bechtel.com](mailto:rswaller@bechtel.com)  
Brett Berg: 303-996-5936 [brett.berg@intrepidpotash.com](mailto:brett.berg@intrepidpotash.com)

**For early hotel reservations, please call the Broadmoor:**

Phone: 1-800-634-7711 Code "CSME424"  
Internet: <https://book.passkey.com/go/CSME424>

### DIAMOND SPONSORS



Sponsorship opportunities  
are still available!

### PLATINUM SPONSORS



# JOIN OUR TEAM

If you are interested in becoming more involved with the SME Colorado Section, consider joining our Board of Officers!

Send notice of interest to:

**melissa chalona**

**[mchalona@enganalytics.com](mailto:mchalona@enganalytics.com)**

