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MINERAL PROCESSING DIVISION

COLORADO SUB-SECTION

STUDENT PRESENTATION CONTEST 2022 r1 10-19-21

Why Attend & Present at the Colorado MPD Annual Meeting?

The Colorado Mineral Processing Division Subsection of the Society of Mining and Metallurgical Engineers (SME) had its first meeting in 1949 at The Bro^Admoor in Colorado Springs, Colorado. The meeting is the longest running “annual” meeting in the history of The Bro^Admoor.

The intent and structure of the meeting has always been to provide a comfortable venue in which participants could attend technical sessions in an informal setting. The design of the program was such that it would attract people from a wide range of disciplines within the mineral beneficiation community and foster camaraderie for all. Themes and Topics of the meeting and technical papers are adjusted annually to be relevant to the current challenges facing the mining industry, while staying within the general topic of “Mineral Processing”.

In 2021, for the ninth year (2020 was not held due to COVID), the Committee invited students from U.S. schools with Extractive Metallurgy and Mining Programs to give a presentation of their work. Through an interview and selection process by the MPD Student Committee three students were invited to present at the meeting and compete for best student presentation.

2021 Student Presentation Winner: \$3000

- **Jijia Wu**, University of Arizona won for her presentation titled “A Novel Approach of Leaching LiCo₂ in a Mildly Acidic Glycine-sodium Metabisulfite System”

2021 Student runner up presentations: \$1000

- **Michael Caplan**, Colorado School of Mines “Tailings to Glass: Concentrating Tailings Silica for Consumer Grade Glass Production”
- **Madilyn Fesenmaier & co-presenter Elijah Tragesser** “South Dakota School of Mines and Technology “Oacoma Manganese Sea Nodules, Is the Time Right?”

As we have all adjusted to the new realities of public health precautions amid the pandemic, so too has the Colorado MPD. We are committed to ensuring the health and safety of our participants while continuing to provide the invaluable contact and networking opportunities for which the conference is known. In 2022 we are planning to return to the normal conference format while following applicable public health safeguards guidance from State and Local agencies.

The theme for the 2022 Conference is “**An Excess of Shortages**” and will be held at The Bro^Admoor in Colorado Springs on April 28 - 30, 2022.

The Executive Committee will again this year invite three students from U.S. Mineral Engineering schools to present during the conference. The Executive Committee is soliciting for a student presenter from your school, preferable a junior, senior, or graduate student. Please distribute this letter and the application form to your students and colleagues. If there is a group project please select one candidate to present. Student presenters will be provided re-imbursement for reasonable transportation and accommodations. Conference registration and meal event fees will also be waived. The best of the three presentations as judged by the Student Committee will win a \$3,000 award while the other two student presenters will be awarded \$1000 at the annual awards ceremony dinner.

On behalf of the Executive Committee, we look forward to seeing you at The Bro^Admoor.

Tom Strombotne
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