

Society for Mining, Metallurgy & Exploration Inc.

Mineral & Metallurgical Processing Division
Executive Committee
MineXchange 2020 SME Annual Conference & Expo
Sheraton Downtown Phoenix; Phoenix, Arizona
Room: Encanto B
Sunday, February 23, 2020
9:00 am – 11:30 am

Meeting Minutes
Submitted March 7, 2020

Opening:

The regular meeting of the Executive Committee of the Mineral & Metallurgical Processing Division of SME was called to order at 9:00 am on February 23, 2020, in Phoenix, AZ, by Jim Metsa.

Present:

2019-2020 MPD Executive Committee Members

Jim Metsa, Chair – Present
Erik Spiller, Past Chair – Present
Scott Shuey, Associate Chair – Present
Garland Davis, First Vice Chair – Present
Ronel Kappes, Second Vice Chair – Present
David Meadows, Secretary-Treasurer – Present
Jaeheon Lee, Technical Program Associate – Present
Tarun Bhambhani, Membership Associate – Present

Non-voting Members:

Qingqing Huang, MPD Outstanding Young Engineer – Present
Aaron Noble, MPD Outstanding Young Engineer (and Incoming Membership Associate) – Present
Chee Theng, SME Liaison – Present

Guests

Mike Moats, Nick Gow, Jayson Ripke, Hamid Akbari, Daniel Palo, Jordan Rutledge (Young Leader), Pengbo Chu, Bennson Tanda, Jim Wickens, Mike Larson, Adam House, Wencai Zhang, Mohammad Rezaee, Tim Myers, Behzad Vaziri Hassas (Young Leader), Sumedh Gostu, Hassan Amini, Himesh Patel (Young Leader), Amir Eskanolou, Tom Rauch

A. Approval of Agenda

The agenda was unanimously approved as distributed.

B. Approval of Minutes

The minutes of previous meetings – 2019 Annual Meeting in Denver and January 10, 2020, Conference Call – were unanimously approved as distributed.

C. Safety Share

Bicycle awareness is important. Bicycle accidents with car strikes occur for reasons such as distractions.

C. Open Issues

1) Programming

- a) 2020 Program – MineXchange 2020 SME Annual Conference & Expo, Phoenix, AZ, accepted as presented.
- b) 2021 Program – Denver, CO, February 28–March 3, 2021
 - i. Special Sessions/Symposia/Short Courses – The meeting discussed special-track sessions with the theme of “Geometallurgy,” possibly requiring submittal of preprints. Top speakers may be invited to write extended papers for a special issue of the *Mining, Metallurgy & Exploration* journal. There were comments on the use of cameras in sessions.
 - ii. MPD Scotch Nightcap – J. Lee as incoming Secretary-Treasurer will assume responsibility for planning. D. Meadows stated Bass Metals will perform at 2021 SME Conference & Expo in Denver, CO, and also MinExpo in Las Vegas in September 2020.

2) Financial Review

- a) 2020 Social Functions and Fundraisers
 - i. Recognition of efforts by SME Staff: Specifically, Emma Salditt and C. Theng for increasing funding through finding corporate sponsors for MPD events.
 - ii. MPD Scotch Nightcap (\$30,000 total – record to date!)

- Executive sponsor: Weir Minerals
- Title sponsors: Molycop, Outotec and UPG
- Supporting sponsors: FLSmidth and Solvay
- iii. MPD Lunch (\$9,000 total)
 - Title sponsor: M3 Engineering
 - Supporting sponsors: Molycop, Ausenco
- iv. MPD Calendar (\$19,500 total)
 - Eleven of last year's sponsors re-upped for this year. The May 2021 page was allocated to Bass Metals. Sponsors were Derrick Corporation, FLSmidth (plus front cover), Kappes, Cassidy & Associates, Molycop, Outotec, Solvay, Terra Nova Technologies, ThyssenKrupp Industrial Solutions, Weir Minerals, WesTech Engineering (plus back cover) and Woodgrove Technologies.
 - G. Davis will supply R. Kappes with the contact information of sponsors for the 2021-2022 MPD Calendar and hand over the spreadsheet of sponsors.

b) Changes in 640 (MPD General) and 641 (MPD Scholarships): The meeting voted on and approved the following:

- i. To consolidate all revenue and expense items related to fundraising events (including but not limited to the MPD Calendar, Scotch Nightcap and MPD Lunch) into the 640 account. The 641 account will show Scholarship payouts and Scholarship-related expenses (such as Klimpel travel expenses) as well as incoming transfers from 640 as authorized by the MPD Executive Committee.

c) MPD financial review approved as distributed.

3) Awards

- a) Antoine M. Gaudin Award – John C Gathje
- b) Robert H. Richards Award – James Vanderbeek
- c) Milton E. Wadsworth Award – William Imrie
- d) Arthur F. Taggart Award – Kaiwu Huang and Roe-Hoan Yoon
- e) MPD Outstanding Young Engineer Award – Mohammad Rezaee
- f) Mill Gentleman of Distinction – James Metsa
- g) Frank F. Aplan Award (shared with C&E Division) – Edwin H. Bentzen
- h) James Douglas Gold Medal Award (shared with TMS) – James N. Orlich
- i) Posthumous 2018 Antoine M. Gaudin Award – William F. Riggs

4) MPD Scholarships (\$18,500 total)

- a) Richard Klimpel Memorial, \$5,000 – Benjamin (Wes) Stevens, University of Nevada, Reno
- b) Outstanding Junior, \$2,400 – Mariah Soebbing-Volk, South Dakota School of Mines and Technology
- c) Outstanding Graduate, \$2,400 – Hector Solorio, University of Nevada, Reno
- d) Undergraduate, \$1,200 – Sharon Escalante Pedraza, Universidad Nacional de Colombia, Senior
- e) Undergraduate, \$1,200 – Madilyn Fesenmaier, South Dakota School of Mines and Technology, Junior
- f) Undergraduate, \$1,200 – Alex Norris, Virginia Tech, Senior
- g) Undergraduate, \$1,200 – Melinda Ravnaas, South Dakota School of Mines and Technology, Senior
- h) Graduate, \$1,200 – Tushar Gupta, University of Kentucky
- i) Graduate, \$1,200 – Jamie Young, Missouri University of Science and Technology
- j) Rong Yu Wan PhD Dissertation Scholarship, \$1,500 – Xinbo Yang, University of Kentucky

5) MPD Committees

- a) The MPD Nominating Committee consisting of MPD Executive Committee Officers will meet February 24 at 7:00 am.
- b) The MPD Unit Committee Meeting will start February 23 at 2:00 pm, with Davis presiding and Kappes assisting. The meeting stressed the need to prioritize quality above quantity and mentioned that SME desires opportunity to reduce number of sessions.

6) Other Conferences

- a) Hydrometallurgy 2023: Nick Gow and J. Lee are co-chairs. No further updates at this stage. Salt Lake City considered as venue.
- b) XXXII IMPC, Sep 29–Oct 3, 2024 (unofficially known as IMPC 2024): John Marsden (chief), Ronel Kappes and Tarun Bhambhani are chairs. No further updates at this stage.
- c) Copper 2025: Mike Moats (SME) and Gerardo Alvear Flores (TMS) are co-chairs. SME and TMS will jointly host. Phoenix recommended as location.
- d) World Gold 2025: Nick Gow and Thomas Rauch co-chairs.
- e) Extraction Conference Series proposed agreement: The committee voted on and approved the following changes to the proposed agreement:
 - i. Change Clause V to: “MetSoc, SME, and TMS agree to divide equitably the staff and volunteer responsibilities for organizing and conducting the meeting; no staff time or expense will be charged by a partner society to the event. With the exception of post-event proceedings, all revenues and expenses accrue to the conference. If any society makes any special society request (e.g.,

special galas), the society making the special request is responsible for event expenses incurred from fulfilling the request. Any surplus or deficit accrued in association with the event will be divided equally (1/3 each) among the three partners.”

- ii. Add the following sentence to Clause VI, No. 2: “Upon the departure of a partner society, any surplus or deficit accrued in association with the event will be divided equally among the remaining partner societies.”
- f) First Annual Nevada MPD Conference, Oct 4–5, 2019, was very successful. Jim Wickens commended for his contribution.

7) Fine Grind in Mining Engineering

- a) Meadows will hand over spreadsheet of schedule to Lee.

D. New Business

1) 2020 SME President Robert W. Schafer with 2019 President Hugh Miller and SME Executive Director David Kanagy

- a) 2019 Objectives – Miller
 - Strategic Plan initiatives
 - Create value for members
- b) 2020 Initiatives – Schafer
 - Inclusion and diversity
 - Listening to members’ needs

2) MPD Handbook

- a) The *SME Mineral Processing and Extractive Metallurgy Handbook*, edited and written by MPD members, is SME’s best-selling book of 2019 by far!
- b) A suggestion was made to look into selling individual chapters, as this approach is expected to generate a lot of interest.

E. Agenda for Next Meeting

- 1) A recap of MPD Executive Committee roles and assignments.
- 2) A review of 2021 SME Annual Conference & Expo and programming.

F. Adjournment:

Meeting was adjourned at 11:30 am by J. Metsa.

The next general meeting will follow the MPD Lunch and Business Meeting at 2:00 pm on Wednesday, February 26, 2020 in the Phoenix Convention Center.

Minutes submitted by:

Dave Meadows

Approved by:

Jim Metsa