

## Bulk Material Handling Committee Meeting 2-24-2020

Phoenix Convention Center

11:30 AM – 1:00 PM

### History of the committee for new attendees:

Under SME – Standing committee, not a division (less stroke)

Summary of annual BMH meeting

Started with Mark Alspaugh and Dick Bailey, working together they ran all aspects of the group. In today's work environment this isn't practical, we now have committees managing each function. The BMH group chairman appoints the committee chairman and helps each chairman accomplish their objectives. The committee members volunteer for a committee of their choice. All chairman will recruit a co-chair in the event the Chair needs help or is unable to serve.

Looking for new members, new ideas, ways to attract young engineers.

1. Poster Session annual event – Chris Collins chair, Rick Fulmer Co-Chair; looking for more volunteers to scan badges and help with poster setup. Continued growth, last year over 400 attendees, expecting 300+ this year, down since we are not in Denver. Historically the sponsors were invoiced after the event at the exact cost. Due to various challenges, in 2018 SME asked that we pre-charge sponsors. Discussion was how can we give any funds over cost back to the mining community through the SME Foundation. Ideas included contributions to a scholarship fund, awards to students for paper presentations, covering cost of meeting travel for students, etc. Have had trouble in the past getting feedback on how much money is being made by the event. Mike Myers to help get this information from SME, if possible, and advisory committee to evaluate suggestions.
2. Two Day short course - workshop every odd numbered year. Todd Hollingsworth chair, Greg Bieri co-chair; Proposal form including event Title and general agenda must be submitted not later than May 29. If accepted the event will be advertised in the Mining Engineering Journal. One proposal is to refine and repeat the short course done in 2018, another is to have the communications team survey the BMH community using Survey Monkey. Advisory committee to act on this in March.
3. Technical Sessions - every odd numbered year. Chair Len Eros, Co-chair Mike Myers  
Technical session titles must be submitted not later than March 27. Abstracts are submitted through an SME website and due by August, final papers submitted by November. Typically, there are 4 sessions with five 30-minute presentations each. Publishing is optional but may attract more academics into the group. This can be done through the conference proceedings within SME. Session chairmen will review abstracts, drafts and final technical presentations and "Coach" presenters to stay within non-commercial guidelines. Including

case studies in presentations is desirable. Session chairman are Rick Fulmer, Todd Burchett, Carrie Hartford and Nick Madison. Possible topics, to be approved by session chairman:

- Bulk Material Handling; Advanced Technologies for Designing and Modeling Conveyor Systems
- Bulk Material Handling; Criteria for Design and Specification of Conveyor System Components
- Bulk Material Handling; Designing and Operating Conveyor Systems for Zero Harm
- Bulk Material Handling; Maintenance Tools for Improving Conveyor System Reliability

4. University outreach – Goal is to find ways to attract younger people into the group such as students and SME members new to BMH. Dr PT, Carrie Hartford, Cliff Thorpe, Andrew Hustrulid and Seth Knutson have interest and useful contacts. We need to further develop this committee and need to find out if there are funds from the poster session available as incentive to students.

- Might look at young reliability engineers with short course outreach to producers (PDH, CEU).
- Outreach during other events/presentations such as university sponsored talks etc. (Carrie gave example University of Utah, Cliff sponsored a student SME meeting at University of Arizona)

5. Communications – Chair - David Keech, Co-chair Seth Knutson, member – Michael Murray. We have a BMH community website within the SME community location.

- SME community of 186 members
- All BMH papers (90) since 2012 are posted
- Access under “membership”
- Will post a call for papers/abstracts April
- Will post our short course title and general agenda in June

#### Bulk Material Handling Committee Chairmanship

Len Eros is stepping down after the 2021 Denver Event. He has leaned on Mike Myers to Co-Chair in order to ensure a smooth transition. Len feels we want to select outside the ABB group of candidates to be clear that the committee is SME based and not dominated by a single company. Advisory committee will make the choice on next chair and co-chair going forward.

Discussion was that a set of Standard Operating Procedures or By-Laws is needed to help BMHC continuity. Mike Myers has provided an older draft of these which provide an excellent starting point and with some updating may be fully suitable.