

## DINNER MEETING – Thursday, September 12, 2019

### “Bulk Solids Handling 101”

**PRESENTED BY:** Carrie Hartford, Technical Sales Manager and Senior Project Engineer, Jenike & Johanson, Inc.

**TIME:** 6:00 pm Social  
7:00 pm Dinner and Presentation

**LOCATION:** Dave & Buster's Conference Room  
4821 Mills Circle  
Ontario, CA 91764

**HOSTED BY:** SoCal Section of SME



**COST:** RSVP - Professional \$35, Students \$10  
At door - Professional \$40, Students \$20

**RSVP:** Nicolette Grill @ [ironmtn2012@gmail.com](mailto:ironmtn2012@gmail.com)  
by Tuesday, September 3, 2019

**ABSTRACT:** If you are in the mining and mineral processing (M&MP) business, you are really in the business of bulk solids flow. As raw solids, ore and its derivatives are some of the most challenging bulk solids to handle in a controlled manner. This often overlooked, critical design challenge is reflected former SME President (2014) John Marsden's career-inspired Top Ten Things All Mining and Metallurgical Graduates Should Know. In 2016, Dr. Marsden rated knowing how to design a transfer chute as his #1 tip for graduates. In this talk, Carrie will discuss the basics of bulk solids handling, common pitfalls in design, and ways to overcome flow issues or prevent them. Many examples and case studies will be used in the discussion, covering topics such as stockpiles, silos/bins/hoppers, and transfer chutes.



**BIOGRAPHY:** Carrie Hartford, Technical Sales Manager and Senior Project Engineer, has been with Jenike & Johanson for over a decade designing bins, silos, feeders, and transfer chutes to solve challenging material handling problems for clients in all industries. She teaches courses, writes papers and gives technical presentations all over the world regarding the science of bulk solids handling and storage. She holds a Mechanical Engineering degree from UC Santa Barbara, MBA from Azusa Pacific University, and a California Professional Engineers license in mechanical engineering. Carrie is based out of San Luis Obispo, California. Previously she established Jenike & Johanson's office in Perth Australia.

### UPCOMING MEETINGS:

Please mark your calendars for the following upcoming meetings of the SoCal Section of SME.  
(Due to seasonal venue costs, we do not plan to have a December meeting.)

Date	Event	Location	Speaker	Sponsors
October 10, 2019	Dinner Meeting	Dave and Busters, Ontario, CA	TBD	TBD
November 14, 2019	Holiday Party	Dave and Busters, Ontario, CA	TBD	TBD