

Monthly Meeting

November 15, 2012

Lunch at the Tech Center, Maggiano's
Meet at 11:30, Lunch at 12:00
7401 South Clinton Street, Englewood

Speaker: Bruce Norquist, Rio Grande Silver

Bruce Norquist is Senior Mine Engineer for Rio Grande Silver, a subsidiary of Hecla Mining. Bruce will speak about Hecla's operations worldwide, highlighting some of their flagship operations such as Greens Creek mine near Juneau, AK and The Lucky Friday Mine near Wallace, ID. He will cover some of the exploration projects for Hecla Mining as well as focusing primarily on the development of the projects near Creede, CO in Mineral County, the Bulldog and Equity Mine.

Bruce is from Colorado. He graduated from the Colorado School of Mines in 1984. Bruce worked for Cotter Corporation at the Schwartzwalder Mine, for Teck-Cominco at the Pend Oreille Mine and for AngloGold Ashanti in Cripple Creek. Prior to joining Rio Grande Silver, he was Chief Mine Engineer for Energy Fuels Resources.

Cost: \$30 per person

Students welcome at \$15 per person with reservation

Walk-ins will not be permitted. RSVP must be made by Monday November 11th.

RSVP and payments, whether you are an SME member or not, will now be made through the SME Community Event page:

<http://community.smenet.org/SMENET/Events/> or through the Colorado SME Community <http://community.smenet.org/Colorado/Events/UpcomingEvents/>

Through the event page, you may pay by credit card, or submit your RSVP using the option to pay at the event by cash or check. If you pay by credit card online, you will be assessed a small processing charge (\$1.35 for this event).



SME COLORADO SECTION - NOVEMBER 2012 NEWS

Dues: SME Colorado Section

Local Section Dues for 2012-2013 are \$25.

The Dues Card can be found at:

<http://www.smenet.org/docs/public/SMEColoradoSection2012-2013DuesInvoicecard.pdf>

Section Dues are NOT part of national dues. If you have any questions about section dues, contact Bill Wilson, the section treasurer at bwilson@frii.com

Payments with a credit card will also be accepted online. As with the dues card, you will have the opportunity online to make a Support Contribution to help fund the Section's outreach programs for minerals education, scholarships for Colorado students pursuing degrees in the minerals industry, local engineering programs such as the State Science & Engineering Fair, and sponsorships for K-12 teachers participating in the All About Mining – *A Total Concept of the Mining Industry* course.

Call for Nominations: Colorado Section Lifetime Achievement Award

We are accepting nominations for our Annual Colorado Section Lifetime Achievement Award to be presented at the May 2013 SME Colorado Section Dinner and Awards Banquet. Past nominees and recipients have demonstrated outstanding services and participation in the Colorado Section. The last two year's recipients were Peter Dolph and Lane White for their outstanding involvement with SME at both a local and national level. Please send nominations, person's name and reason for nomination, to the Section Chair, Justin Anderson jda@rcflp.com.

October Meeting

Thank you to Weston Norris, Arch Coal, for the interesting and informative presentation at our first section meeting of the 2012-2013 year. There were 47 folks in attendance that evening at The Golden Hotel. Photos of the event will be posted up soon on our Facebook page <http://www.facebook.com/pages/SME-Colorado-Section/207876955965850>

Section Meeting Speakers

If you are interested in being a speaker and giving a presentation at one of the section's monthly meetings, please contact the Program Chair, Richard Diaz, at 303-601-7546 or Richard.M.Diaz@gmail.com.



Colorado Mining Exhibit Update

Now that the Colorado Mining Exhibit Foundation has transformed from labor intensive temporary projects (Earth Day events and the Taste of Colorado tent) into permanent educational exhibits at civic locations (NMHF&M in Leadville, WMMI in Colorado Springs, CSM's Geology Museum and the Idaho Springs Heritage Museum), you deserve an update.

First Question: Why museums? Poling shows that more than 80% of people believe what they see in a museum. And, civic minded people who bring their families to museums are a large voting bloc. Also, this lets us have a 12-month exposure to our "go to the people" displays.

Second Question: Why spend so much on automation? In order to minimize staff time needed for the interactive displays, automation upgrades are used. Also, the modern look of the hands-on electronics gives our message more credibility. This involves touch screens, multiple machine Computer Islands, 3D projections and Smart Board hardware and software. More than ever, we have to "entertain to educate" this Sesame Street generation.

Third Question: Future work? Because about 1/3 of Colorado's voters are conservative and about 1/3 are liberal, we are focusing on the swing voters - soccer moms. This means expanding our messaging to places like Dinosaur Ridge and AmeriTown (theme: Promoting the Modern Use of Our Natural Resources) and telling the story of the hard-working men and woman in America's mines who provide us with the best standard of living.

Fourth Question: Cost? CMEF's budget for 2013 will be \$30,000/year.

The Foundation is not asking for contributions as of yet. We just wanted you to be updated on what is going on.

Guy Johnson
Exhibit Coordinator

U.S. Bureau of Mines Reunions

U.S. Bureau of Mines 2013 Rocky Mountain Annual Reunion

Where? Golden Corral Buffet and Grill, 3677 South Santa Fe Drive, Sheridan, Colorado (southwest side of the intersection of Santa Fe Drive and Hampden Avenue)

When? Friday, January 11, 2013, at 11:00 am

Who Are Invited? All friends and former employees of the U.S. Bureau of Mines. No RSVPs required. Pay-your-own way.

U.S. Bureau of Mines National Reunion at the 2013 SME/CMA Annual Meeting

Where? Wynkoop Brewing Company, 1634 18th Street, Denver

When? Monday, February 25, 2013, 7:00 to 9:00 pm

Who Are Invited? All friends and former employees of the U.S. Bureau of Mines. You must check in at the host stand upon arrival to be directed to the meeting location. No RSVPs required. Pay-your-own-way. You do not have to be registered at the SME Annual Meeting to attend this event!

Contact DanielWitkowsky@aol.com for further information.



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Call for Nominations: SME Distinguished Members, Class of 2014

Now is the time to nominate one or more active members of your section for consideration by the Distinguished Member Award Nominating Committee. The candidate must have been a member of SME National for at least 15 years. All nominations must be endorsed by two Distinguished Members, two Local Section Officers, or five SME Members. For full nomination procedures, please refer to the nomination form or to the September 2012 edition of *Mining Engineering*.

A list of past recipients and the downloadable nomination form may be found online: <http://www.smenet.org/awards/viewAward.cfm?category=0&TypeID=9>.

If you wish to submit a nomination, the completed proposal should reach Tessa Baxter by **December 1, 2012**. Submit your nomination to baxter@smenet.org or via mail at the address provided on the form. Please note that only typed nomination forms will be accepted.

Distinguished Members of the Class of 2013--to be inducted at the SME Annual Meeting in Denver, Colorado are as follows: Kadri Dagdelen, Ray Henn, Tim O'Neil, and Harry Parker.

Feel free to contact Tessa Baxter at 303-948-4208 if you have any questions.

Filtered, Paste and Thickened Tailings Course

Filtered, paste and thickened tailings is developing into a mature technology with wide application in mine tailings management. Several large tonnage operations are being developed based on paste and filtered tailings systems.

The successful implementation of filtered, paste and thickened tailings technology is dependent on a sound understanding of slurry colloidal behavior, thickening and thickener operation, filtration, rheology, pump and pipeline transport systems, conveyor transport and disposal methodologies.

This four-day course, presented in conjunction with Prof. Andy Fourie of the University of Western Australia, provides delegates with a thorough background to the field so that they are better equipped to successfully implement filtered, paste and thickened tailings systems. The course brochure may be accessed at: <http://www.patersoncooke.com/services/courses/FPT2013-Brochure.pdf>



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SME COLORADO SECTION

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Visit the Section web site: www.smenet.org/colorado/

This Newsletter is emailed to currently active members of SME who live in the geographic area of the Colorado Section. If you would like to be removed from this distribution list, use this web address <http://www.smenet.org/page/index.cfm?id=182> to unsubscribe from eNews.

You may also update your information with SME at www.smenet.org.