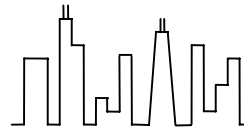


CHICAGO SECTION NEWSLETTER

May 2004



Newsletter of the Chicago Section of the Society for Mining, Metallurgy, and Exploration, Inc. - Founded Spring 1987 - www.chicagosme.org

MEETING: Tuesday, September 21, 2004

Topic: “Feeder Breakers: A Different Approach to Crushing and Transport”

Guest Speaker: Ed Kelleher from DBT MinPro



Time: 5:15 PM Social Hour *Note the new starting Time!!!*
6:00 PM Dinner *New Dinner Menu – we need advance reservations!*
7:00 PM Speaker *We expect to be done by 8:00 PM.*

Place: Ramada Inn at Darien, IL 300 South Frontage Road, Darien, IL. Telephone 630-968-8887

Directions: From I-55: Exit # 276A - County Line Road South, go to the first traffic light Turn Right, then the road turns an immediate right; follow the road around until you are parallel to the freeway, past the Extended Stay America. The Ramada will be another 150 yards ahead on the left.

From I-294: Exit on I-55 Westbound. County Line Road will be the next exit

From I-88 & I-355: Exit to I-355 southbound, go to end of freeway at I-55 Head east toward Chicago; County Line Road is just east Kingery Highway (IL # 83)

Menu: Service will be restaurant style, with *your choice of two entrées*: Roast Sirloin of Beef, sliced with au jus, or Atlantic Salmon, grilled with lemon dill beurre blanc sauce. Dinner will include an appetizer, salad, vegetable, potato or rice and dessert. A vegetarian plate is available on request.

Cost: \$25 for dinner/meeting for Members, \$30 for Non-Members. Science teachers or professors are considered guests of the Section and will get dinner free. Student’s dinners are only \$5.

ADVANCE RESERVATION NEEDED: This restaurant wants a meal count on Saturday for a Tuesday meeting.

If you are coming tell us, **PLEASE**. Call or e-mail either

Gordie Stevens of Patrick Engineering at 630-795-7429 gstevens@patrickengineering.com

Rick Ackermann of Patrick Engineering at 630-795-7246 racker mann@patrickengineering.com

And give us your dinner selection (see above) we can do some late reservations, but...

From the Chairman:

Once again we arrive at yet another SME meeting year. Hopefully, the summer has been good to all of you. I still can’t quite get over the fact that it is September already, but such is life. In fact, this generally is my favorite time of the year anyway, and with so-called global warming we tend to get a couple more weeks of late summer and early fall to enjoy. None-the-less, in behalf of the Executive Committee of the Chicago Section of SME, I would like to personally thank those who regularly attend and remain active in the Section. I for one, certainly enjoy your company. We invite all of you less active members to set aside a couple of hours more this year and join with us. I think you will be pleasantly rewarded with great speakers, friendly faces, good food and libations. We will be meeting at a different venue the third Tuesday of each month, with a few exceptions. We also have moved up the meeting times to accommodate many of you who may get out of work earlier than some, and to allow us all to get home earlier to our homes and families. I would like to thank those who served with me on the Executive Committee this past year, especially **H. John Head**, as Vice Chair, **Steve Tivy** who stepped up as Treasurer, **Rick Ackermann** who did a wonderful job on our newsletter, and **Raj Rajaram**, our Program Chair who helped arrange a great schedule of speakers for last year’s meetings. Raj will be replaced this year by **Frank Kendorski**, who enters the Committee again. Thanks Raj and welcome back, Frank. And, congratulations to **Sarah Schlichtholz**, our Website Coordinator for the birth of her daughter, Nia Schlichtholz Anderson. We look forward to seeing Sarah again, and Nia. Last but not least, I would also like to thank you for providing me the opportunity to serve as the Chicago Section Chair for another year. I guess this will be an unprecedented (at least in the Chicago Section) fourth consecutive term for me in this position. I appreciate your trust in me to lead our Section. I hope I can rise up to your expectations. Thanks. - Gordie



From the Program Chairman

At This Meeting: Feeder Breakers: A Different Approach to Crushing and Transport

Feeder Breakers offer a number of advantages for the operator compared to conventional crushing plants. They can handle high tonnage (up to 1500 t/h) at large feed sizes (up to 6ft x 6ft) and can handle wet or sticky material. Feeder breakers generally have a high ratio of reduction, low fines production and operate by remote control without requiring an operator. The DBT feeder breakers do not require dump ramps or costly dump bin construction and can be fed by either truck or loader. Feeder breakers also do not require concrete pads or footers and are frequently equipped with tracks for mobility.

This talk will include information on the technical capabilities of feeder breakers and provide some limited economic comparison data from existing applications.

DBT Mineral Processing is a part of DBT Group Headquartered in Lünen, Germany, The DBT Group is a member of the RAG group and a 100% subsidiary of RAG Coal International AG. The DBT Min Pro division manufactures primary crusher plants in Lünen, Germany and in their Houston, Pennsylvania plant. Some information on the parent company, and DBT MinPro equipment can be found at <http://www.mining-technology.com/contractors/crushers/index.html>

The Speaker

Ed Kelleher has been Vice President of DBT Mineral Processing—USA for the past five years. He is a graduate of Allentown Institute of Technology, and then went on to earn his bachelor's degree at Mansfield University. He has been involved in the aggregate industry for the past 20 years, working with material processing equipment. Mr. Kelleher spent a number of years working with screening equipment, and materials handling of crushed stone by conveyor. He has worked with the aggregate industry concerning screening and material handling issues associated with conveyor belting and

related equipment.

Mr. Kelleher spent several years working with in sales and field technical support with Nordberg crushing equipment. During this time he gained much of his expertise in crushing and crushing equipment. Currently Mr. Kelleher is responsible for all aspects of sales and service of DBT Mineral Processing in North America. He heads a sales and technical support group that is based in Pittsburg, PA.

Last Meeting

Art Pincomb, President of Associated Geologists talked about what information is needed to convert acreage into reserves of stone or sand and gravel. He gave us some basic rules concerning the number of drill holes required and what the difference is between proven and probable reserves. Art also led us through the requirements (and expense) of becoming a Licensed General Appraiser, which is required by some states to appraise mineral properties, since they can be considered real estate. Having expertise in mineral properties in addition to being a General Appraiser has expanded his client base considerably. Art included a story about a recent job putting a value on metal bullion in a Moscow bank vault that had a high client estimate compared to the unit price by the bar. It made this listener wonder if salting mines had morphed into a new form in our international economy.

The group at this meeting was small but among those in attendance was **Mike Dunn**, who may have attended his last meeting as a Chicago area resident. Check elsewhere in this issue for more on Mike's latest direction. It was also our last meeting at the Golden Duck, which has been our meeting location for the past two years. Hopefully this year will see a more comfortable and accessible location for those toward the southern end of our region while still being the same travel time for those living in the western suburbs!

By Rick Ackermann

SPEAKERS FOR THIS FALL:

October: Frank Reed of Vulcan Materials
November: Marshall Miller, SME Henry Krumb Lecturer

The SME OFFICIERS for 2004-5

Elected Positions:

Chair Gordie Stevens
Vice-Chair John Head
Secretary John Magyar
Treasurer Steve Tivy

Appointed Positions:

Gem Coordinator Anne Leslie
Newsletter Editor Rick Ackermann
Website coordinator Sarah Schlichtholz
Program Chair Frank Kendorski

The above officers are working to provide an interesting and informative program for this year. This effort includes a change in venue for this year to the Ramada at LaGrange for the start of this year. We will also be meeting a bit earlier than last year in an effort to get all of the early rising operations folks home for some much needed beauty sleep, even though most of us are beyond hope in that regard. If you have any comments or suggestions relating to the new location or start time, please let us know.

Also let us know your preferences for menu items. At this time we asked for the choice of two entrees, plus a vegetarian plate. We have a selection of choices from which we can pick any two entrees to offer for that meeting. We will share the menu list with you on the 21st for your suggestions on what to offer for meeting.

If you have any suggestions for speakers or topics, they will be welcomed by **Frank Kendorski**, our Program Chair. He is soliciting speakers for next year, with some names already being put forth. If you would like to share any of the innovations or successes from your operation with the group, we would appreciate volunteers from within our own ranks.

Send your suggestions in to **Gordie Stevens, Frank Kendorski, John Head, John Magyar, Steve Tivy, Rick Ackermann** or any combination thereof. Phone numbers or e-mail addresses can be found at the end of the newsletter, or at our website link: <http://www.chicagosme.org/officers.htm>
We hope to see all of you sometime next this year.

UPCOMING MEETINGS & EVENTS

For your schedules

MINExpo 2004 The Equipment Show National Mining Association September 27-30, 2004 Convention Center Las Vegas, NV

HURRY – It happens in 3 weeks!

This show, which takes over the Las Vegas convention center, is one of the largest mining equipment shows in the world, and only occurs every fourth year. The last show in 2000 had over 35,000 in attendance from all over the globe, with hundreds of exhibitors. There are also technical sessions and short courses in conjunction with the show. Show fee is only \$175 for the expo and the technical sessions.

Check out the sessions, seminars and exhibitors on the web at:

<http://www.minexpo.com>

NSSGA Automation Conference

In Downtown Chicago

Oct. 10-12
at the Hyatt Regency

Automation Expo; 60+ exhibitors
Tours of local automated plants
Technical Sessions
Workshops

NSSGA Members \$455
Contact: Steven Lenker
Telephone: 800-342-1415
E-mail: slenker@nssga.org
Web: www.nssga.org

Check out the
Northwest Mining Association
Web page at
<http://www.nwma.org/>

9th Annual Safety Seminar for Underground Stone Mines

Seminar to be held at Dec 7-8 at Louisville, Kentucky

Seminar Includes:

- Early bird Underground Electrical Safety Workshop on Tuesday Dec 9th starting at 4:30PM
- Technical sessions Wednesday AM NIOSH on Hearing Loss Simulator MSHA on diesel particulate controls USGS on Agg Industry trends Kendorski on geologic hazards And More...
- Parallel workshops on Wednesday afternoon on Safe Mine Development & Root Cause of Accidents/Part 50 Reporting

Contact:

Lou Prosser via email at lfp2@cdc.gov
or by phone at 412-386-4423

Or

Donna Opfer via e-mail at dbo0@cdc.gov
or by phone at 412-386-6564

CONEXPO-CON/AGG 2005 March 15-19, 2005 Las Vegas, USA

CONEXPO-CON/AGG 2005 will be the world's largest international gathering place in 2005 for the construction and construction materials industries, showcasing the latest equipment, services and technologies.

Check out the information at
<http://www.conexpoconagg.com/>

From The PIE & GEM Committees

Donations By Your Local CHICAGO SME Section?

The Executive Committee of the Chicago SME frequently approves donations to worthy organizations. Several gifts have already been approved by the executive committee for this year. The donations approved last week include gifts to the Junior Achievement of Chicago and to the Illinois Junior Academy of Science competition. The SME also sponsors a

teacher to the IAAP teacher workshop each summer.

If you have any suggestions for donations to worthy organizations please send your suggestions to the any member of the executive committee.

Submitted by Steve Tivy

Again - Rock Samples Wanted

The Gem committee is hunting for rock samples of approximately 1 inch in size in quantities of 35 samples or more for rock kits, which will be given to teachers at the Illinois Association of Aggregate Producers teacher workshop next fall. Contact Anne Leslie of Raimonde Drilling at 773-889-1412 or email at rdcdill@rdc-drill.com if you can help out.

Welcome to Nia Schlichtholz Anderson

Chicago SME executive committee member and long time website coordinator Sarah Schlichtholz took some time off this summer for a wonderful event.



Nia Schlichtholz Anderson arrived a month early on July 5th, weighing 7 lbs, 3 oz, and mother and daughter are doing fine.

Thanks to mother Sarah for the beautiful picture of a lovely little girl.

Mike Has Dunn Left Us!

Mike Dunn, long time Chicago SME member and for the past eleven years the superintendent of the Conco-Western underground operation on Route 25, just north of I-88 has taken a new job with a division of the Oldcastle Materials group. He is now the Manager of Mines for Shelly Materials in Columbus, Ohio. He is currently in the process of relocating to that

area, the rumor is that he will be developing another underground operation from scratch.

When this writer toured his operation at Conco-Western a couple of years ago, I thought that it was one of the cleanest and best looking underground operations I had ever seen. He will be missed around here.

Mike does not have an address yet, but his cell phone is 614-778-2962 and his e-mail address is MTDunn238@aol.com. He is hoping to see some guys at the NIOSH Seminar in December in Louisville, KY Dec7-8th (see the Events section for the 9th Annual Safety Seminar for UG Stone Mines).

by R. Ackermann

Illinois Water Well Info on the World Wide Web

The online Water Well Database is upgraded to a map-based system to enable users to find and view water well logs in the vicinity of areas of interest. Data are as they were submitted on well completion forms over several decades by water well drillers and some engineering firms. Locations and elevations have not been verified in most instances.

State Geologist William Shilts announced that information for water well drilled for individuals is now available over the World Wide Web (aka Internet) in March and was upgraded recently. The online water well database was prepared in response to requests made by working professionals for this service.

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More on the Electronic Newsletter & E-Mails:

Due to the passage of the Federal CAN SPAM ACT of 2003 the rules are changing

by early in 2005 for sending out faxes and e-mail for notices and advertisements. This will affect the paperwork this editor will need to keep in order to send out the SME announcements via e-mails. At the request of the SME National, I will need to get permission from all our e-mail recipients in order to keep sending you the notices. We will work out some sort of e-mail reply format to make it painless for you to say you want to continue receiving our communications. This will happen within the next few months, since the act takes effect early next year. Anyone who wants to continue receiving our e-mail notices MUST reply that they want the SME to continue sending the information, otherwise I will be required to drop your e-mail address from the list.

For those of you who are involved in this type of notification, our chair, Gordie Stevens, has received some information from the SME national concerning this issue, which I will fax or e-mail a PDF file to you on request.

Rick Ackermann, Editor
rackermann@patrickengineering.com

Agapito Associates Buys NSA Mining Consulting Group

Frank Kendorski is pleased to announce that Agapito Associates, Inc., (AAI) has purchased the Mining Consulting Group of NSA Geotechnical Services, Inc., and the establishment of an AAI office in Golden, Colorado. With the July 2004 purchase, AAI is pleased to welcome Tim Ross, Tom Vandergrift, and Dave Conover into the AAI group. Tim, formerly President of NSA Geotechnical Services, Inc., will become manager of the Golden office and a Senior Associate of AAI. Tim, Tom, and Dave will continue to service their existing clients and add significant experience and expertise to the AAI Team in the area of highwall, surface, and underground coal mining. AAI now has three offices, Corporate Office in Grand Junction, Colorado, Chicago Office in Lombard, Illinois, and the new Denver Office in Golden, Colorado. Please visit our web site for more information:

www.agapito.com.

Local Firm At Las Vegas MinExpo

Dry Systems Technologies of Woodridge, IL will be exhibiting at the Minexpo, Las Vegas, September 27-30. A MSHA approved Isuzu (116HP) power package for permissible applications will be displayed along with aPermissible Catalyst systems, port kits and other products.

Kendorski Presents Paper at 23rd International Conference on Ground Control

Frank Kendorski of Agapito Associates, Inc., in Lombard has been busy on the lecture circuit with a paper and presentation in August at the annual Ground Control Conference at West Virginia University on "Problems in 'Void' Detection in Coal Mine Water Hazards" focusing on the difficulties of remote-sensing techniques for "seeing" rubble-filled subsidence voids that can still lead to dangerous mine inundations. Frank was asked particularly to address issues of coal mine safety in inundation environments such as the Quecreek Mine near-disaster in July 2002. In 1979 Frank had managed a USBM project to anticipate and safely plan for inundation of coal mines from surface waters and breached abandoned mines.

In December, he has been invited to be one of the instructors at a Workshop on Safe Mine Development at the 9th Annual Safety Seminar for Underground Stone Mines, hosted by NIOSH in Louisville. His part will be on recognition of geologic hazards in mine development, particularly water hazards and rock fracturing.

REMEMBER - Call in your meeting reservation by Friday September 17th to Gordie at 630-795-7429

2003-2004 Chicago Section SME Officers

Chairman	Gordie Stevens Patrick Engineering, Inc. Lisle, IL 630-795-7429 Fax 630-434-8400 gstevens@patrickengineering.com	GEM Coordinator	Anne Leslie Raimonde Drilling, Inc. Chicago, IL 708-583-9290 Fax 708-583-9491 rdcdill@rdc-drill.com
Vice-Chairman	John Head Mactec Oak Brook, IL 630-571-2162 x 21 Fax 630-571-0439 jhead@mactec.com	Newsletter Editor	Rick Ackermann Patrick Engineering, Inc. Lisle, IL 630-795-7246 Fax 630-434-8400 rackermann@patrickengineering.com
Secretary	John Magyar International Mining Services Belvidere, IL 815-547-9211 Fax 815-547-8552 imsjlm@aol.com	Website Coordinator	Sarah Schlichtholz Continental Placer, Inc. Wheaton, IL 630-407-0800x109 Fax 630-407-0799 sschlic@continentalplacer.com
Treasurer	Steve Tivy Boncosky Oil, Inc. Elgin, IL 847-741-2577 Fax 847-741-2590 svtivy@comcast.net	Program Chairman	Frank Kendorski Agapito Associates Chicago, IL 630-792-1520 Fax 630-792-1580 frank@agapito.com

SME Chicago Section Membership Dues Form

Note: To become a member of SME at the national level, please join at www.smenet.org or get an application from Gordie Stevens.

NAME: _____

AFFILIATION: _____

ADDRESS: _____

E-MAIL: _____ @ _____

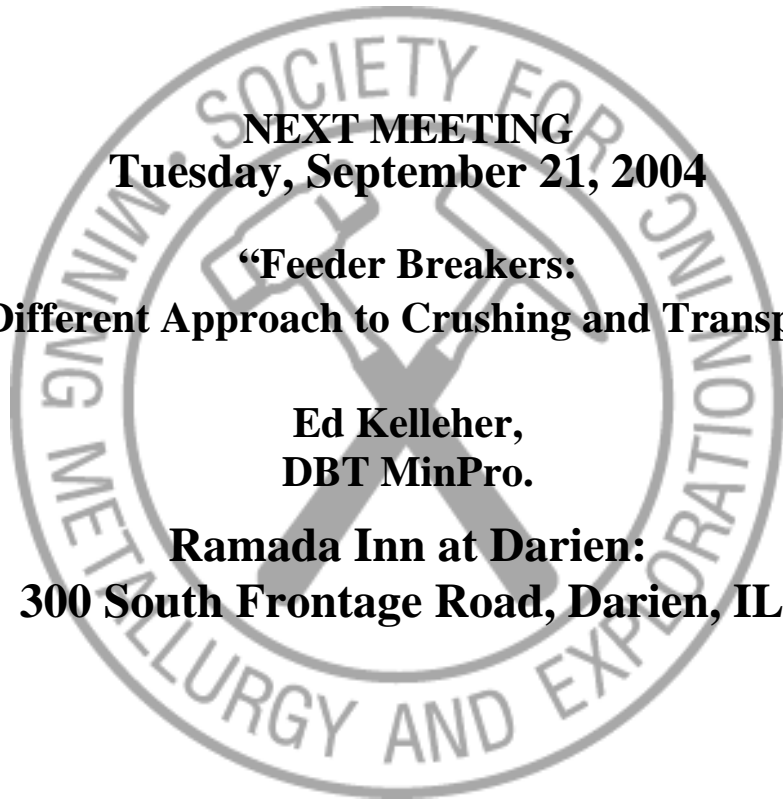
CITY, STATE, ZIP + 4: _____

DAYTIME TEL. NUMBER: _____

SPONSOR'S NAME: _____

STUDENT _____ **RETIRED** _____

Make Check for \$20.00 (\$10.00 for Student or Retired) out to "Chicago Section – SME" and mail to: Steve Tivy, Treasurer, Chicago Section of SME, Boncosky Oil Inc., 739 North State Street, Elgin, IL 60123



**NEXT MEETING
Tuesday, September 21, 2004**

**“Feeder Breakers:
A Different Approach to Crushing and Transport”**

**Ed Kelleher,
DBT MinPro.**

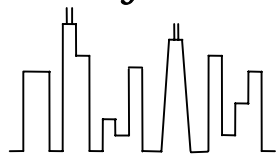
**Ramada Inn at Darien:
300 South Frontage Road, Darien, IL.**

Editing, Paper, Copying, Stapling, and Grunt Work Patrick Engineering, Inc. THANKS!

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