

# MARCH MEETING

## ST. LOUIS SECTION OF SME

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### VICE CHAIRMAN:

Dr. Guang Xu  
Dept. of Mining Engineering  
Missouri University of  
Science & Technology

### SECRETARY- TREASURER:

Lucas Carr  
Geosyntec Consultants

### PROGRAM CHAIR:

Bob Johnston  
Laffey Equipment

### GOLF TOURNAMENT CHAIR:

Joe Hatfield  
Joe Hatfield & Associates.

### EXECUTIVE COMMITTEE:

Joe Hatfield  
Joe Hatfield & Associates.  
Gen Sutton  
The Doe Run Company  
Catherine Johnson, PhD  
Missouri S&T  
Greg Sutton MO Cobalt

### STUDENT LIASON:

Dr. Kwame Awuah-Offei  
Dept. of Mining Engineering  
Missouri University of Science  
& Technology

Dr. Catherine Johnson  
Dept. of Mining Engineering  
Missouri University of Science  
& Technology

**Welcome to our 10<sup>th</sup> annual Vendor Night! Our theme this year is Engineering Services.**

**Please welcome our sponsors/speakers:**

### GEOSYNTEC

Geosyntec has provided technical services to the mining industry for decades and understands the unique challenges faced by the mining industry today. We partner with our clients to support the critical decisions associated with addressing environmental and engineering issues throughout a mine's life cycle stages. The services offered by Geosyntec include water resource management and water treatment, tailings and mine waste engineering, mine closure and reclamation planning and design, environmental compliance support, groundwater and hydrogeological studies, geotechnical and dam engineering, exploration and resource evaluation, and environmental and social governance/sustainability support services. These services are provided through both our local offices in Missouri, as well as from our national and international locations.

*Learn more at <https://www.geosyntec.com/markets/mining>. Lucas P. Carr, P.E., and others from Geosyntec will present.*

### GOLDER

Golder has provided mine design, engineering, geotechnical, rock mechanics, hydrogeological, and tailings management consulting services to our mining clients since the 1970s. During that time, Golder's leaders helped pioneer modern underground support design and safe tailings storage solutions. Golder's collective company experience in the provision of these services is extensive and earned a strong reputation in the industry for technical competence, client advocacy, and innovation. Golder was recently acquired by WSP and the collective WSP Golder company technical resources now include all engineering disciplines. WSP Golder is at the forefront of changes in the mining industry, whether by developing and applying new technologies or by supporting the industry in the social and environmental debate that will shape its future. Mark Haddock and Nathan Hoffman will present on WSP Golder's capabilities.

## **PENTA ENGINEERING CORPORATION**

PENTA is a St. Louis based professional services firm specializing in heavy industrial projects with a focus on bulk material handling/storage systems and minerals processing systems. Services include consulting studies, multi-discipline engineering (civil, structural, mechanical and electrical), project management/construction management and EPCM/EPC project execution. PENTA collaboratively works as an extension of our clients to meet their project objectives and has completed thousands of projects over its 36-year history domestically and abroad. Manoj Mohan will be the presenter.

## **BARR ENGINEERING**

Barr provides engineering and environmental consulting services to clients across North America and around the world. We have been employee owned since 1966 and trace our origins to the early 1900s. Our engineers, scientists, and technical specialists work together to help clients develop, manage, process, and restore natural resources. At Barr, we solve clients' problems as if they were our own. We'll bring to your projects the insights and expertise we've gained from our work on thousands of projects—and a promise to do our best work on your behalf. Barr has been the recipient of numerous awards and accolades, as listed in the annual Engineering News-Record. Ty Morris, John Gefferth and others will present.

<b><u>When:</u></b>	<b>Thursday, March 17<sup>th</sup> 2022</b>		
	<b>Social Networking:</b> 5:30 PM-6:30 PM	<b>Dinner and Meeting:</b> 6:30 PM	
<b><u>Where:</u></b>	<b>Viburnum Golf &amp; Country Club</b> 1436 N. Hwy Y, Viburnum, MO 65566 <i>(See directions and map on next page)</i>		
<b><u>NO COST!</u></b>	<b>Food and beverages sponsored by the speakers and Doe Run</b> <i>Contributions to the Scholarship Fund greatly appreciated in lieu of meal charge - cash or credit card. Tax receipts available.</i>		
<b><u>RSVP:</u></b>	<b>By <u>Tuesday, March 15<sup>th</sup></u></b> <b>By email to:</b> <a href="mailto:bob.johnston@earthlink.net">bob.johnston@earthlink.net</a> or <a href="mailto:sme.stl.section@gmail.com">sme.stl.section@gmail.com</a> . <b>By phone:</b> <b>Bob Johnston - 314-570-0226</b>		
	<b>You need not be a member of National SME. Bring a friend!</b> <b>** Need Professional Development Hours? Each meeting is 1 hour. **</b>		

**Hotel Reservations** can be made in Viburnum at the **Viburnum Inn - 573-244-5600**

## DIRECTIONS:

### From St. Louis Area

- Take I-44 West out of St. Louis Area to Cuba, MO.
- Take Exit 208, and turn Left (South) on Hwy 19.
- Continue on Hwy 19 about 8.6 miles into Steelville.
- Turn Right to stay on Hwy 19 in town of Steelville.
- Continue another 10 miles to the Hwy 49 Junction in Cherryville.
- Turn left on Hwy 49 and continue for about 5 miles.
- Turn right to stay on Hwy 49.
- Continue for another 10 miles into the town of Viburnum and turn Left on Hwy Y.
- About 2 miles down Hwy Y, turn Right into the Viburnum Golf and Country Club.

**For those cutting across from Highway 67 or Highway 21** take Highway 32 West toward Viburnum. Turn right (North) on Hwy 49 in Bixby. On the north side of the town of Viburnum, turn Right onto Hwy Y. About 2 miles down Hwy Y, turn Right into the Viburnum Golf and Country Club.

**From Salem Area** Take Hwy 32 East/Hwy 72 East to Bixby. Turn Left (North) on Hwy 49 and continue into town of Viburnum. On the North side of town, turn Right on Hwy Y. About 2 miles down Hwy Y, turn Right into the Viburnum Golf and Country Club.

