



# OCTOBER MEETING

## ST. LOUIS SECTION OF SME

**CHAIRMAN:**

Kevin Moran  
Hexagon

Our October meeting will be in conjunction with MO S&T, to further our relationship with the Mining Engineering Program, and allow students the opportunity to network with industry professionals.

**VICE CHAIRMAN:**

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

**An Evening with Missouri University of Science and Technology:** The Mining Engineering Department of the Missouri University of Science and Technology invite you to join them for an update on current research, faculty and the department. Presentations will include:

**SECRETARY-  
TREASURER:**

Lucas Carr  
Geosyntec Consultants

***Mining & Explosives Engineering Updates,***

By Dr. Kwame Awuah-Offei,  
Professor, and Interim Director of  
Mining and Explosives Engineering.

**PROGRAM CHAIR:**

Bob Johnston  
Laffey Equipment

**Biography**

**GOLF TOURNAMENT  
CHAIR:**

Joe Hatfield  
Joe Hatfield & Associates.

Dr. Kwame Awuah-Offei is a professor of mining engineering and the interim director of the mining engineering program at Missouri University of Science & Technology. He served as a mining engineering academic fellow at the Securities and Exchange Commission for 18 months starting early 2015 and as an expert consultant to the Commission for another two years. He holds a PhD in mining engineering from Missouri University of Science & Technology (formerly University of Missouri-Rolla). His research interests include modeling, simulation and optimization for sustainable mining. He has industry experience in surface gold and aggregate mining. He is a registered professional engineer.

**EXECUTIVE  
COMMITTEE:**

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

**STUDENT LIASON:**

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

***Application of Nonelectric – Initiated Electronic Detonators  
in Underground Perimeter Holes,***

By Ryan Sibley  
MO S&T Undergraduate Student

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

## ***Critical Minerals Resources and the Challenges to Providing Them to America's Supply Chain***

By Dr. John Uhrie,  
Vice President, Exploration, Research and Technical Development,  
The Doe Run Company.

### **Biography:**

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Dr. John Uhrie and his Doe Run team are excited to be the first step in the process of ensuring the long-term growth and sustainability of Doe Run. John directs Doe Run's efforts to advance new technologies, as well as identify and acquire mineral resources. "There are a number of exciting projects underway at Doe Run, including development of new mines and projects that help us recover greater mineral value from our concentrates through new technologies. Bringing this opportunity online is a rewarding challenge." John has over 25 years experience working with major mining companies. He is a recognized technical expert in sulfide processing of copper, heap bioleaching and pressure oxidation, and has authored more than 20 publications. John also serves on the Society of Mining, Metallurgy and Exploration (SME) Board of Directors and is a member of the Mining and Metallurgical Society of America (MMSA). John earned a bachelor's degree in Geological Engineering from Michigan Technological University, a master's in Geology from the University of Wyoming, and a Ph.D. in Metallurgical Engineering from Michigan Technological University.

**When: Thursday October 28**

**Social: 6:00 PM**

**Dinner: 6:30 PM**

**Where: Colton's Steakhouse  
1675 N Bishop Ave Rolla MO 65401 (573) 426-4240**

**Cost: Food provided by the Mining Engineering Dept. Cash bar.**

**RSVP: By Tuesday October 26**

**By email: Bob Johnston [bob.johnston@earthlink.net](mailto:bob.johnston@earthlink.net) or [sme.stl.section@gmail.com](mailto:sme.stl.section@gmail.com)**

**By phone: 314-570-0226**

**You need not be a member of National SME. Bring a friend!**

**\*\*Need Professional Development Hours? Each meeting is 1 hour**

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