OCTOBER MEETING
ST. LOUIS SECTION OF SME

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

VICE CHAIRMAN:
Morgan Hovis
MO Cobalt

SECRETARY-TREASURER:
Lucas Carr
Ramboll

PROGRAM CHAIR:
Bob Johnston

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

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.

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:

Update on Mining & Explosives Engineering Programs at Missouri S&T. by Dr. Kwame Awuah-Offei, professor and department chair

Dr. Kwame Awuah-Offei is a professor of mining engineering and department chair of the mining & explosives engineering program at Missouri S&T. 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 S&T. 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.

Phytomanagement of Pb/Zn/Cu tailings: enhancement of bioenergy crop production, substrate functionality, and ecosystem services, by MARIAM AL-LAMI, Ph.D.

Mariam Al-Lami has recently completed her Ph.D. in Civil Engineering (Environmental Emphasis) at the Missouri University of Science and Technology. She earned a B.Sc. in environmental engineering at the Al-Mustansiriya University, Baghdad- Iraq, and M.Sc. in water resources at the University of Technology, Baghdad- Iraq. Mariam’s research interests include mine waste revegetation and reclamation, ecosystem restoration, heavy metals bioavailability mitigation, phytotechnologies and natural treatment systems, and image-based plant phenotyping. Her Ph. D. research focused on mine tailings reclamation and phytostabilization and she has been working closely with DoeRun Company to mitigate environmental impacts of Viburnum tailings.
**When:** Thursday October 19th  

**Dinner:** 6:00 PM  

**Where:** Di Trapani’s On The Square, 400 E 6th St, Rolla MO  

**Cost:** Meal and soft drinks provided by the Mining & Explosives Engineering Department. Cash bar.  

Please RSVP by Tuesday, October 17th. Email: Bob.johnston@earthlink.net or cell- 314 570 0226.

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

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