

38th Annual Kentucky Professional Engineers in Mining Seminar



In-Person & Virtual
Friday, August 8, 2025
Hyatt Regency Hotel (Downtown)
Lexington, Kentucky

Sponsored by
KY Professional Engineers in Mining (PEM)
UK Department of Mining Engineering
SME-Central Appalachian Section (SME/CAS)

Register at <https://pem.engr.uky.edu/>

8 Professional Development Hours

6:30 – 8:30 p.m., Thursday, August 7	Optional reception with AIME board at the James B. Beam Institute distillery on the campus of the University of Kentucky. Cost \$20 per person.
8:00 a.m.	Seminar Introduction Carolyn McCannon, P.E., PEM Chair, RESPEC Zach Agioutantis, Chair, UK Department of Mining Engineering
8:15 a.m.	National Leadership of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) and Member Societies <ul style="list-style-type: none"> ○ Steve Gardner, 2025 AIME President and 2015 SME President ○ Barbette Barlow, AIME Executive Director • Association for Iron & Steel Technology (AIST) <ul style="list-style-type: none"> ○ Ron Ashburn, AIST Executive Director ○ Ron O'Malley, AIME President Elect & AIST Past President 2019-2021 • Society of Petroleum Engineers (SPE) <ul style="list-style-type: none"> ○ Simon Seaton, SPE Executive Director ○ Shauna Noonan, AIME President Elect Designate & 2020 SPE President • The Minerals, Metals & Materials Society (TMS) <ul style="list-style-type: none"> ○ Jim Robinson, Executive Director ○ Brad Boyce, AIME Trustee & 2023 TMS President • Society for Mining, Metallurgy & Exploration (SME) <ul style="list-style-type: none"> ○ Dave Kanagy, Executive Director ○ Bill Hancock, 2025 SME President
10:15 a.m.	Networking Break (15 minutes) Alumni picture-meet in the front of the room
10:30 a.m.	Highwall Mining in Thick Seams - Case Histories - Dave Newman, Appalachian Engineering
10:55 a.m.	Converting UG Mines to Storage – Key Mining and Engineering Considerations – Mark Haddock, RockSmith Geoengineering
11:20 a.m.	Mineral Reserves Reporting, Seriously. - Brian Groff, Groff Engineering & Consulting
11:45 a.m.	AI applications in CAD drafting , Tyler Faulkner, Carlson Software
12:10 p.m.	Networking Lunch (50 minutes)
1:00 p.m.	Kentucky Regulatory Environmental Roundtable Gordon Slone, Commissioner, Dept. for Natural Resources Jim Cable, Director, Division of Abandoned Mine Lands Sheri Mullins, Director, Division of Mine Reclamation and Enforcement Wes Jones, Director, Division of Mine Permits Morgan Freeman, Executive Director, Office of Reclamation Guaranty Fund Tim Fugate, Director, Division of Mine Safety Dennis Hatfield – Oil and Gas

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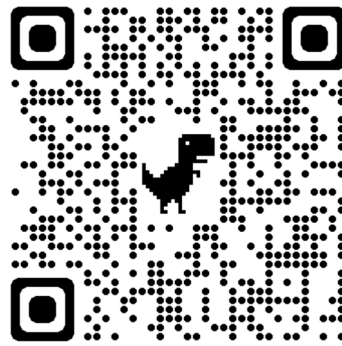
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2:30 p.m.	State and Federal Legal and Regulatory Update: Industry Perspective , R. Clay Larkin, Dentons
2:55 p.m.	Networking Break (15 minutes)
3:10 p.m.	Western KY's fluorspar resources and their strategic role in the energy transition , Edmundo Laporte, High River Services, LLC
3:35 p.m.	Estimating groundwater inflow for longwall operations , Zach Wedding, University of Kentucky
4:00 p.m.	Mine Planning Considerations for Large Development Projects – Kristin Floyd, Rogers Group Inc.
4:25 p.m.	Adjournment

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