

37th Annual

Kentucky Professional Engineers in Mining Seminar



In-Person & Virtual
Friday, August 9, 2024
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)

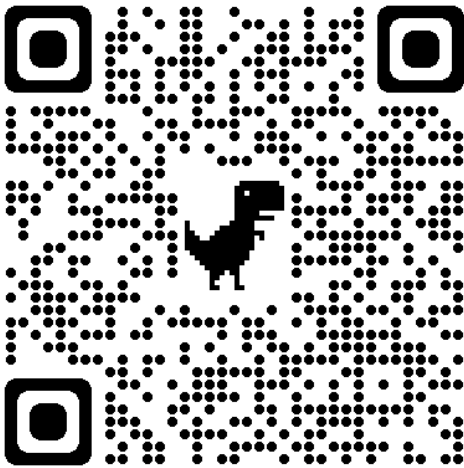
8:00 a.m.	Seminar Introduction Kristin Floyd, P.E., PEM Chair, Rogers Group Inc. Zach Agjioutantis, Chair, UK Department of Mining Engineering J. Steve Gardner, on behalf of SME Foundation
8:15 a.m.	Kentucky Regulatory Environmental Roundtable Gordon Slone, Commissioner, Department for Natural Resources Courtney Skaggs, Acting Director, KY Reclamation Guaranty Fund Justin Adams, Director, Division of Mine Reclamation and Enforcement James Cable, Director, Division of Abandoned Mine Lands Tim Fugate, Director, Division of Mine Safety Wes Jones, Director, Division of Mine Permits
10:15 a.m.	Networking Break (15-Minutes)
10:30 a.m.	Sustainable Intelligent Mining: From Considerate Strategic Planning to Operational Excellence Ali Moradi, Assistant Professor, UK Department of Mining Engineering
10:55 a.m.	The impending solar PV waste tsunami: a critical materials opportunity Jack Groppo, Professor, UK Department of Mining Engineering
11:20 a.m.	Design of Rib Support (DORS) Tool Khaled Mohamed, CDC/NIOSH, Pittsburgh, PA
11:45 am	S-K 1300 – Results as of 2023 Justin Douthat, P.E., Executive Vice President, Marshall Miller & Associates, Inc.
12:10	Lunch (50-Minutes)
1:00 p.m.	Seismic Forecasting, Evolving from Empirical Methods to a Numerical Approach Yuting Xue, CDC/NIOSH, Pittsburgh, PA
1:25 p.m.	Revisiting Stress Distribution in Underground Pillars Zachary Wedding, UK Department of Mining Engineering
1:50 p.m.	Illuminating the Dark: SLAM LIDAR Mapping Underground James Kenney, PMP, CMSL, Wingfield Scale & Measure, Chattanooga, TN
2:30 p.m.	Board of Licensure Updates Kyle Elliott, PLS, Executive Director, KYBOELS, Frankfort, KY

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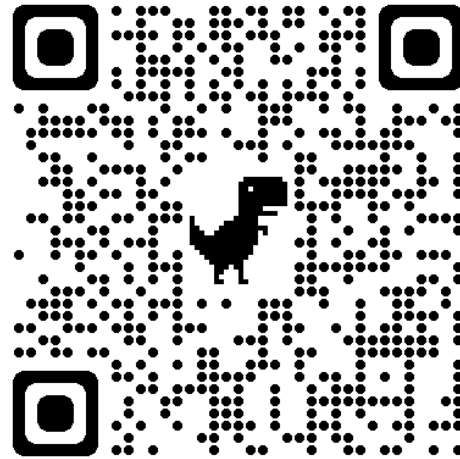
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2:55 p.m.	Networking Break (15 minutes)
3:10 p.m.	Limestone Highwall Assessment David Newman, President, Appalachian Mining & Engineering
3:35 p.m.	Engineering Ethics - The Crandall Canyon Disaster Dana Howard, Member, Stoll Keenon Ogden, PLLC John Feddock, P.E., Consultant, Lexington, KY
4:00 p.m.	Factors in Two Deep Cover Coal Mine Disasters John Feddock, P.E., Consultant, Lexington, KY
4:25 p.m.	Adjournment

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