

WEDNESDAY, OCTOBER 21, 2026

7:00 AM	Registration opens
8:00 AM	Opening session Opening keynote: Sarah M. Forbes, Director-Office of Coal, Department of Energy
9:00 AM	SME awards
9:15 AM	Technical Session 1: Coal Center for Excellence Overview of the Coal CoE Nathan Weiland, National Energy Technology Laboratory AI/Machine Learning for Subsurface Applications Hema Siriwardane, Ph.D., P.E., National Energy Technology Laboratory Pennsylvania's Coal Industry – Everything is Connected Rachel Gleason, Executive Director, Pennsylvania Coal Alliance
10:55 AM	Technical Session 2: MSHA Technical MSHA's Mine Emergency Operations Division Capabilities Eric Glisan, Branch Chief-MEO Division, MSHA MSHA's Health Field Division Capabilities and Operations Margaret Weddell, Chemist, MSHA Borehole Design and Construction Brad Wurl, Ventilation Engineer, MSHA
12:20 PM	Luncheon keynote: Wayne D. Palmer, Assistant Secretary of Labor, MSHA
1:30 PM	Technical Session 3: Critical Mineral and Energy Institute Extracting Rare Earth Elements and Critical Minerals From Coal Stephen Winter, Program Manager-Carbon Management Innovations, Core Natural Resources Assessing Critical Minerals in Coal Mine Drainage Utilizing 60 Years of Geochemistry Data Bonnie McDevitt, Ph.D., Research Physical Scientist, USGS Health Effects of Critical Minerals: A Focus on Quartz Barbara J. Arnold, Ph.D., P.E., Professor of Practice in Mining Engineering, Penn State Univ.

THURSDAY, OCTOBER 22, 2026

7:00 AM	Registration opens – PCMIA BOD business meeting
8:00 AM	Opening session Opening keynote: Mary B. Korpi, 2026 SME President
9:00 AM	Technical Session 4: Soft Skills Knowledge to Impact: Technical Presentation Skills for Professionals Laurie Brown, CSP
10:40 AM	Technical Session 5: Engineering Projects Forged Through Fire: The Rebirth of Allegheny Metallurgical's Longwall Operations Jon Bobbera, P.E., VP Surface Operations, Allegheny Metallurgical AI and Digital Optimization Kevin W. Pan, Senior Project Manager, Oak Grove Mine Draining and Dewatering Projects to Access Thin-Interburden Multi-Seam Reserves at a Brownfield Mine – Cherry Tree Mine Brett A. Ashley, P.E., Mining Engineer, Rosebud Mining Company
12:20 PM	Luncheon keynote: Jim Barker, President-Rosebud Mining Company PCMIA and student awards
1:40 PM	Technical Session 6: Health and Safety Developing and Maintaining a Culture of Safety Eric K. Anderson, General Manager, Tunnel Ridge Mine A Methodology for Constructing Screening-Level Heat Release Rate Curves for Mining Battery Electric Vehicle Fires Lihong (Lilly) Zhou, Ph.D., General Engineer, NIOSH A Gassy Longwall Mine Ventilation Case Study Todor Petrov, Ph.D., Associate Service Fellow, NIOSH
3:30 PM	Reception sponsored by Core Natural Resources