



**Metallurgical Coal Producers Association  
2021**

**PE Seminar Program**

**Agenda**

**As of 5-7-21**

- 8:00 a.m. Welcome & Call to Order – **Ben Beakes**, President, Metallurgical Coal Producers Association (MCPA)  
Opening Prayer – **J.P. Richardson**, Metinvest/United Coal & Treasurer, MCPA  
Pledge of Allegiance – **Brett Holbrook**, Coronado-Buchanan Minerals
- 8:15 a.m. **Randy Moore**, Virginia DMME
- 8:45 a.m. **Jeannette J. Galanis**, Assistant Secretary, Mine Safety & Health Administration (MSHA) *(invited)*
- 9:15 a.m. **Patrick Leedy**, Virginia DMME, Guidance Memo 40-20
- 9:45 a.m. MSHA Presenter
- 10:15 a.m. BREAK
- 10:30 a.m. **Ray Shiflett**, Pumps Parts & Service – Pump trouble shooting
- 11:00 a.m. **Bill Evans**, Charleston Blueprint – Surveying Equipment Updates *(invited)*
- 11:30 a.m. MSHA Presenter
- 12 Noon **LUNCH**
- 12:45 p.m. **Dr. Erik Westman**, PE, Virginia Tech  
Professor, Mining and Minerals Engineering  
*Application of 'Measurement While Drilling' Data for Mine Blast Optimization*
- 1:45 p.m. **Dr. Wencai Zhang**, Virginia Tech  
Assistant Professor, Mining and Minerals Engineering  
*Critical elements recovery from mining waste*
- 2:15 p.m. **Richard Bishop**, Virginia Tech  
Research Associate, Virginia Center for Coal and Energy  
*Development and Application of UAVs for Underground Mines*
- 2:45 p.m. **Nestor Santa**, Virginia Tech  
Graduate Researcher, Mining and Minerals Engineering  
*Portable microscopy as a new concept for real-time coal mine dust monitoring*
- 3:15 p.m. BREAK
- 3:25 p.m. **Ben Mirabile**, Jennmar
- 3:55 p.m. MSHA Presenter
- 4:25 p.m. Komatsu *(invited)*
- 5:00 p.m. Meeting adjourns

Refreshments and drinks located inside the meeting room throughout the day.