

West Virginia Coal Mining Institute Fall Meeting, October 15-17, 2014



Jim Dean



Royce Watts



Logan Curry



Mike Sustar



Jay Colinet



Phillip Saunders



Jez Lemming



Ron Smith



Allan Matta



James Davidson



John Steckley



Wendy Spaw



Nancy Ireland



Josh Murphy

The 2014 Fall Meeting of the West Virginia Coal Mining Institute was held October 15-17, 2014, at the Greenbrier, White Sulphur Springs, West Virginia.

The general program began with the Evening Reception on the Wednesday. This was followed by Technical Session I which took place the following morning. Session Co-Chairmen were Logan Curry, Manager of Engineering, Patriot Coal Corporation, Scott Depot, West Virginia, and Michael R. Sustar, Mining Engineering Student, President, Student Chapter, SME, Department of Mining Engineering, Benjamin M. Statler College of Engineering and Mineral Resources, West Virginia University, Morgantown West Virginia. The session focused

on the topic of Dust. The Keynote Speaker was Jay Colinet, Senior Scientist, NIOSH, Pittsburgh, PA, who spoke on the subject of **Respirable Dust Control Research at NIOSH**.

Presentations followed which included the following:

[Dust Compliance Through Improved Face Production Processes](#), Phillip K. Saunders, PE, Vice President, Production Engineering, Alpha Natural Resources, Beckley, WV;

Air Flow Monitoring and Dust Control Measurers in Room and Pillar Mining, Jez Leeming, Global Product Director, Joy Global, Warrendale, PA;

PDM 3700 Real-Time Continuous Personal Dust Monitor, Ronald Smith, National Accounts Manager, Coal Products, and Allan Matta, Product Manager, Thermo-Fisher Scientific, Ebsburg, PA;

[Fletcher Dust Innovations and Improvements](#), Tim Burgess, PE, Vice President of Engineering, J.H. Fletcher & Co., Huntington, WV.

The Reception took place in the evening with cocktails and hors d'oeuvres. Awards and door prizes took place.

On the Friday morning after the Officers and Executive Board meeting took place, Technical Session II followed. Session Co-Chairmen were Jack D. Trackemas, Principle Mining Engineer, MS, NIOSH, Office of Mine Safety and Health Research Center, Pittsburgh, PA, and David S. Kuegler, Mining Engineering Student, Statler College Ambassador, Department of Mineral Resources, Benjamin M. Statler College of Engineering and Mineral Resources, West Virginia University, Morgantown, WV.

The Keynote Speaker was Bill Reid, Publisher and Managing Editor, **Coal News**, Bluefield, West Virginia, who spoke on **American Coal, Stand Up and Fight!**

This Technical Session focused on Proximity Detection with the presentations including:

[Proximity Detection in Use](#), Todd Moore, Safety Manager, Pennsylvania Operations, CONSOL Energy, Inc., Canonsburg, PA.

[Proximity Detection](#), Edwin P. "Pat" Brady, Corporate Director of Safety, Murray Energy Corporation, St. Clairsville, OH.

The Introduction of SMARTZONE Proximity Detection Equipment on Continuous Miners and Haulage Vehicles, Jez Leeming, Global Product Director, Joy Global, Warrendale, PA.

GE Mining Collision Avoidance System – Driving Safely Underground, James Davidson, Senior Product Manager, GE Fairchild Products, GE Mining, Glen Lyn, VA.

Proximity/Collision Avoidance System Using Thermal Cameras for Human Detection, John Steckley and Mathew Fisher, Senior Software Engineer and Caves Engineering Lead, Innovative Wireless Technologies, Inc., Lynchburg, VA.

There were 100 persons present for the meeting. Officers of WVCMI include President James M. Dean, Morgantown, WV; Secretary-Treasurer Royce J. Watts, Morgantown, WV; Vice Presidents Carrie Harwood, Blacksburg, VA; Douglas R. Fala, Tad, WV; Donald R. Vickers, Morgantown, WV; James (Jay) Johnson, Bluefield, VA; and Ryan A. Toler, South Charleston, WV. The Executive Board comprises Benjamin R. Hardman, Huntington, WV; Wayne L. Thomas, Abingdon, VA; Keith Hainer, Julian, WV; Jimmy A. Brock, Morgantown, WV; and J. Rodney Poland, Morgantown, WV. Arrangements and activities at the meeting were by Wayne Thomas and Royce J. Watts.

The meeting management was by Wendy Spaw and Nancy Ireland. Audio-visual arrangements were by Josh Murphy.