

PCMIA/SME JOINT MEETING SPEAKERS--1990

Keynote Speaker: W. Hord Tipton, Office of Surface Mining

Keynote Speaker: Jerry Spicer, Mine Safety and Health Administration

Student Address Speaker: Jack Knebel, American Mining Congress

Luncheon Speaker: Morgan Massey, Massey Coal Company

Speaker	Affiliation	Technical Session Presentation Title
David Chedgy	C.L.I.	Spiral Concentrators for Fine Coal Processing
Michael Evans	CONSOL	Fine Coal Processing with Water Only Cyclones
Mark Gershon	Temple University	Optimizing Coal Mine Production Scheduling
Jim Hayhurst	Hawk's Nest Mining	Multi Seam Highwall Mining
Richard Kerch	CONSOL	MAPAP: The Stealth Environmental Study, or How Congress Could Have Brought the First B-2
Richard J. Kline	Island Creek Company	Practical Mine Planning--Geology to Implementation
Jeffrey Knight	Rochester & Pgh. Coal Co.	Plant Control Using On-Line Performance Monitoring Systems
Charles Lazzara	U.S. Bureau of Mines	Revised Flame Test for Mine Conveyor Belting
Hugh Lucas	Southern Ohio Coal Co.	Super Longwall Panels-Practical Limits on Longwall Size
Donald Mitchell	Consultant	Mine Ventilation and Computers
D. J. Morrison	Ember Energy Company	Slurry Pond Recovery
Pat Noonan	The Conservation Fund	Business and Environmental Partnerships in the 1990's
Thomas Novak	University of Alabama	Impedance-Based Power Systems Analysis Using a Spreadsheet
John Pigza	Mine 33	Low Seam Longwalls - Mine 33
Karl Rykaczewski	CONSOL	Crisis in Health Care Costs
Robert Thompson	U.S. Bureau of Mines	The Development and Use of Mobile Roof Supports in the USA

PCMIA/SME JOINT MEETING SPEAKERS--1991

Keynote Speaker: William Tattersall, Mine Safety and Health Administration

Keynote Speaker: Joseph Rhodes, PA Public Utility Commission

Student Address Speaker: Doug Dahl, Drummond company, Inc.

Luncheon Speaker: T S Ary, U.S. Bureau of Mines

Speaker	Affiliation	Technical Session Presentation Title
Vincent Bovino	Management Consultants	Productivity Gainsharing... A Executive Snapshot
Phil Branbury	Bradbury and Associates, Inc.	The Maintenance Production Manager
Robert Brown	Process Technology, Inc.	Design and Implication of Process Analysis and Control (PAC) Systems for the Coal Preparation Plant
Roger Fredrick	Berthold Systems, Inc.	Online Coal Ash and Moisture Gauge
William Kuzma, Jr.	Zeigler Coal Company	Positioning for the Future - Zeigler's Labor Relations Policy
John Kovac	U.S. Bureau of Mines	Self-Contained Self-Rescuer Technology
Steven Luzik	Mine Health & Safety Admin..	Mine Fire Prevention and Response Strategies
Christopher Mark	U.S. Bureau of Mines	Longwall Mine Design for Control of Horizontal Stress
Samuel McDowell	Joy Technologies, Inc.	Effects of Automation on Continuous Miner Productivity
Richard Metzler	Mine Safety and Health Admin.	Mine Health and Safety Administration Metric Transition Plan
Gary Shriver	Eastern Associated Coal Corp.	Sorting by Ash to Beneficiate for Sulfur
Robert Thompson	U.S. Bureau of Mines	The Development & Use of Mobile Roof Supports in the USA
Charles Vaught	U.S. Bureau of Mines	Worker Behavior in Mine Fires
Jeffrey Walker	Department of Energy	Remote Pumpable Mine Fire Seals
Donald Wogaman	AEP Service Corp.	Ergonomics - Innovations Through Participation

PCMIA/SME JOINT MEETING SPEAKERS--1992

Keynote Speaker: Richard Lawson, National Coal Association

Keynote Speaker: J. Alan Cope, CONSOL

Student Address Speaker: Michael Karmis, VA Polytechnic Institution and State Univ.

Luncheon Speaker: William Badger

Speaker	Affiliation	Technical Session Presentation Title
Kathleen Berry	Canon-McMillian Senior HS	Coal in the Classroom
Richard Bishop	Drummond Company	Shoal Creek "New Mine Development"
George Brikis	Pittsburgh National Bank	The Role Banks in Coal Industry Financing
Devereaux Carter	U.S. Geological Survey	New Estimates of Coal Resources/Reserves in the U.S.
Les Dixon	U.S. Army Corps of Engineers	Coal Transportation on the Monongahela River
John Herbst	Historical Society of Western, PA	Forging the Pittsburgh Regional History Center
Andrew Hewitson	RoxCoal, Inc.	Mobile Roof Supports at RoxCoal - Somerset County, PA
Thomas Hite	Hite Operating Company	Coalbed Methane Recovery and End Use
A. S. Glover, Jr.	Vulcan Materials Company	Community Relations in the Mining Environment
Thomas Kessler	Mine Safety and Health Admin.	The Role of the NMH&S Academy in the Mining Industry
Markus Ladd	Logan Coal Company	Development on the Mingo Logan Project
George McElroy	Consolidation Coal Sales Co.	Coal Exporting from Dock in Baltimore, MD
Syd Peng	West Virginia University	Ground Control Models for Coal Mine Design
Lewis Savisky	Eastern Associated Coal Corp.	What Can Contract Mining Contribute in Today's Market
Patricia Silvey	Mine Safety and Health Admin.	MSHA's Regulatory Agenda
Michael Toth	Cyprus Emerald Resources Corp.	The Progression of an Automated Longwall System

PCMIA/SME JOINT MEETING SPEAKERS--1993

Keynote Speaker: David Marshall, Duquesne Light Company

Keynote Speaker: Jack Siegel, Department of Energy

Student Address Speaker: Robert Frantz, Penn State University

Luncheon Speaker: Gerold Spindler, Pittson Coal Company

Speaker	Affiliation	Technical Session Presentation Title
David Aloe	Aloe Mining Corp.	Aloe Makes Remining Work for Them
Gregory Cybulski	BIO GRO Systems, Inc.	Using Biosolids for Mined Land Reclamation
George Dvorznak	Mine Safety and Health Admin.	Diesels in Underground Mines
Kenneth Eller	Eller and Associates	Unusual Work Schedules
Gerald Homce	U.S. Bureau of Mines	Advanced Diagnostic Systems for Mining Equipment Maintenance
Robert Kleinmann	U.S. Bureau of Mines	Reducing Water Treatment Costs
Jack McCormick	Mine Safety and Health Admin.	Evolution of the Rock Bolt
Robert McGee	PA Bureau of Deep Mine Safety	DER's Response to Emergencies
Jim Null	American Power Corp.	Burning Coal Mine Waste to Fuel Electric Power Plants
Stephen Richman	Ceisler Richman Smith Law Firm	Liability for Injuries to a Mine Rescuer Under Worker's Compensation Law
Mark Schultz	Mine Safety and Health Admin.	The Effects of Stopping Leakage on Intake Escapeway Integrity
Dennis Scott	Eagle Nest, Inc.	High Angle Conveyor (HAC) - Update 2.5 Years of Continuous Service
Pete Seear	Joy Technologies, Inc.	Highwall Mining
Glenn Smith	CONSOL of Kentucky	The Jones Fork Mine
Robert Timko	U.S. Bureau of Mines	Trolley Wire Fire Hazards in Underground Coal Mine Haulage Entries
Dan Wooten	MAPCO Coal	Testing Mine Emergency Preparedness: The Pattiki Mine Fire

PCMIA/SME JOINT MEETING SPEAKERS--1994

Keynote Speaker: J. Davitt McAteer, Mine Safety and Health Administration

Keynote Speaker: George Edwards, George Edwards Consulting Services

Student Address Speaker: Joseph Brennan, Bituminous Coal Operators Association

Luncheon Speaker: Don Hudson, Cyprus Amax Coal Company

Speaker	Affiliation	Technical Session Presentation Title
John Brett	BHP Australia Coal	Developments in Surface Mining in Australia
Alan Campoli	U.S. Bureau of Mines	Analysis of Room-and-Pillar Retreat Mining Pillar Stability
Steven Cotten	CONSOL, Inc.	Automated Longwall Technology
Catherine Cowen	PA Dept. of Env. Resources	Air Quality and the Clean Air Act
Charles Dixon	Jim Walter Resources, Inc.	Jim Walter Resources, Inc. Degasification Programs
Jim Galvin	University of NSW	Subsidence Control in Urban Environments
Fred Garcia	U.S. Bureau of Mines	Gas Emission Characteristics During Longwall Mining
Gary Gibson	Gary Gibson and Associates	Changing Australian Work Practices
Robert Haney	Mine Safety and Health Admin.	Trends in Longwall Dust Control
Chris Haycocks	VA Polytechnic Institute	Design Considerations for Multiple Seam Mines
Joseph Battista, Jr.	PA Electric Company	Co-Firing Low Solid Coal Water Slurry with Pulverizing Coal
Owens Kreills	Southern Engineering Services	Current Practices in Australian Underground Mines
Paul McKenzie	Mine Rescue Service	The Capability of the New South Wales Mines Rescue Services
William McKinney	Mine Safety and Health Admin.	Surface Drills and the New MSHA Standards
Warren Merritt	CONSOL, Inc.	Computer Aided Mine Design and Scheduling
Michael Ogilvie	Kembla Coal & Coke	Australian Gas Drainage Practices
Ken Sproul	Mine Safety and Health Admin.	MSHA/PA DER Equipment Audit Program
Geoff Taylor	Univ. of New South Wales	Professional Education Development for the Mining Industry
John Urosek	Mine Safety and Health Admin.	Bleeder Systems
Jon Volkwein	U.S. Bureau of Mines	Safety, Technology, and Production Potential of Highwall Mining
Kelvin Wu	Mine Safety and Health Admin.	Mining Near Flooded Mineworks

PCMIA/SME JOINT MEETING SPEAKERS--1995

Keynote Speaker: Patricia Godley, U.S. Department of Energy

Keynote Speaker: Steven Leer, Arch Mineral Corp.

Student Address Speaker: Robert Murray, Maple Creek Mining and Ohio Coal Co.

Luncheon Speaker: Drew Meyer, Vulcan Materials Company

Speaker	Affiliation	Technical Session Presentation Title
Dan Alexander	CONSOL, Inc.	Shaft Sealing with Fly Ash Cement
William Fertall	Consolidation Coal Company	Water Supplies Pre and Post Mining
John Fredland	Mine Safety and Health Admin.	Haul Roads and Dump Points: Keys to Accident Prevention
Mark Hart	Cyprus - AMAX	Diesels Underground
Sean Isgan	Killam Associates`	Restoration of Wetlands
Hans Janzon	Robbins Company	The Concepts of a Tunnel Boring Machine (TBM)
Paul Lang	Cantenary Coal Holdings, Inc.	Samples Mine Development
Alan Martin	Mine Safety and Health Admin.	Safe Electrical Design of Mine Elevator Control Systems
Ulrich Paschedag	America, Inc. (MTA)	New Conveyor Haulage Design
John Paul	CEED	Education the Public About America's Fuel
J. Jeffrey Rennie	American Electric Power Fuel	Behavioral Public Relations: How AEP Maintains a Good Public Image
Mark Scaccia	Allegheny Power Service Corp.	State-of-the-Art Scrubbing - Harrison Power Station
George Stepanovich	John T. Boyd Company	Future Coal Markets
Frank Ucciardi	CONSOL, Inc.	Use of DuPont TYVEK® in Underground Ventilation
Davitt Woodwell	PA Environmental Council	Environmental Perception Issues

PCMIA/SME JOINT MEETING SPEAKERS--1996

Keynote Speaker: Jay S. Pifer, Allegheny Power

Keynote Speaker: John M. DiMichiei, Cyprus AMAX Coal Co.

Student Address Speaker: Robert C. Dolence, PA-DEP

Luncheon Speaker: John J. Faltis, Anker Energy Corporation

Speaker	Affiliation	Technical Session Presentation Title
Pramod C. Thaker	CONSOL, Inc.	Measurement and Control of Diesel Particulate Matter in Pennsylvania and West Virginia Coal Mines
Raja V. Ramani	Pennsylvania State University	Advisory Committee on Dust
John E. Urosek	Mine Safety and Health Admin.	MSHA's Mine Ventilation Bleeder and Gob Training Course
Joseph A. Cybulski	Mine Safety and Health Admin.	Mobile Roof Supports: Safe and Productive Retreat Mining
John M. Gallick	Cyprus Emerald Corporation	Stockpile Safety
Jerry L. Bays	Bays, Inc.	Structural Failures and Their Causes: Coal Handling and Preparation Facilities
Larry Checca	Mine Safety and Health Admin.	Electrical: Lightning Issues
Jeffrey Kelley	Anker Energy Corporation	Surface Haulage Safety - Past, Present, and Future
Subhash B. Bagwat	Illinois State Geological Survey	Dynamics of the Coal Industry
Rita Bolli	NOXSO Corporation	Current Status of Environmental Regulations Impacting the Coal Industry
Thom Boyle	Cambria CoGen Company	Cambria CoGen Company
Ann G. Kim	Department of Energy	Coal Combustion Residues to Control AMD from Reclaimed Coal Mines
John Hirebaum	Mine Safety Appliances	Belt Wearable Self-Contained Self Rescuer
Bruce K. Cantrell	Department of Energy	Status of Machine-Mounted Continuous Respirable Dust Monitor
Larry Gochioco	CONSOL, Inc.	In-Seam Seismic Techniques for Underground Hazard Detection
Terrence M. Taylor	Mine Safety and Health Admin.	Water Seal Design Considerations

PCMIA/SME JOINT MEETING SPEAKERS--1997

Keynote Speaker: General Richard Lawson, National Mining Association - Coal and the Speed of Sound - Performance Breaks all Records

Keynote Speaker: Andrea Hricko, MSHA - Information Needs to Solve Health Problems in the Mining Environment

Student Address Speaker: Tony Hubbard, Shoal Creek Mine - No Title Provided

Luncheon Speaker: George Ellis, Pennsylvania Coal Association - The Pennsylvania Coal Industry Today

Speaker	Affiliation	Technical Session Presentation Title
Dr. Bruce Connard	INCO, Limited	Diesel Emissions Evaluation Program (DEEP)
John E. Urosek	Mine Safety and Health Admin.	The Galatia Mine Fire
George Niewiadomski	Mine Safety and Health Admin.	A Look at MSHA's Coal Mine Respirable Dust Program
James L. Custer	Mine Safety and Health Admin.	Review of Proposed Noise Regulations
James McCaffrey	CONSOL, Inc.	Roof Trusses for Longwall Gateroad Support
Steven J. Kravits	AMT Drilling International	Recent Developments and Applications of AMT's In-Mine Directional Drilling Technology
Dr. Syd S. Peng	West Virginia University	High Production Longwall Technology: State-of-the-Art Review
John E. Burr	CONSOL, Inc.	Experience and Considerations in the Selection of High Voltage Longwall Equipment.
Mike Wedding	Dravo Lime Company	Limestone Mining Beyond the Extent of a Quarry
Rod Lawrence	Cyprus AMAX Coal Sales	The Outlook for Coal in Ten Years
Robert Orchowski	Duquesne Light	Utility Air Quality and Pending Issues
Moya F. Phelleps	Coal Exporters Association	China's Role in the Coal Export Market
Charles G. Rising	Cyprus AMAX Coal Company	Future Human Resource Issues (Labor Demographics)
Dr. Larry Grayson	University of Missouri-Rolla	Enrollment Trends and Issues in Mining Engineering Departments
Dave Beerbower	Peabody Coal Company	Efforts to Promote Teamwork at Peabody
John N. Murphy	NIOSH	Adopt-A-School Program

PCMIA/SME JOINT MEETING SPEAKERS--1998

Keynote Speaker: Joe Main, United Mine Workers of America

Keynote Speaker: Joseph P. Brennan, President, Bituminous Coal Aperators of America

Student Address Speaker: Garold R. Spindler, President, Cyprus Amax Coal Company

Luncheon Speaker: Dr. R. Larry Grayson, Associate Director for Mining, NIOSH

Speaker	Affiliation	Technical Session Presentation Title
Richard A. Skrabak	Mine Safety and Health Admin.	Field Investigation - Braking Systems on Haul Trucks
Gerald D. Dransite	Mine Safety and Health Admin.	Accidents Involving Remotely Controlled Mining Equipment and MSHA Initiatives to Mitigate the Hazards
Michael R. Amick	Fosroc Inc.	Discussion of Alternative Mine Seal Designs
John F. Schmidt	Technik America, Inc.	Automation of Longwall Shields
Mr. James J. Szalankiewicz	TJS Mining, Inc.	Thin Seam Room and Pillar Mining - Continuous Haulage
David A. Garbacz	Joy Mining Machinery	Maximizing Haulage at the Face
Michael B. McMillan	Consol, Inc.	Continuous Haulage and Longwall Development
Melvin E. Remington and J.D. Persiani	Mine Safety and Health Admin.	Continuous Haulage Safety
E. Larry Checca	Mine Safety and Health Admin.	Recent Accidents in Metal and Nonmetal Mines and the Accident Investigation Process
Anthony T. Iannacchione and Roy H. Grau	NIOSH	Evaluating Roof and Rib Hazard in the Underground Stone Industry
Tom Hethmon	Phelps Dodge Corporation	Cultural Change and Safety - Phelps Dodge Mining Company
Fred J. Meckley	Meckley's Limestone Products	An Effective Job Safety Program at a Single Site Operation
Dennis C. Simmers	A/C Power Colver Operations	Environmental Impact of Operating a Waste Coal Burning Power Plant - Operator's Point of View
Terry E. Ackman	DOE-FETC	Post-Injection Geophysical Evaluation of the Winding Ridge Site
David C. Hogeman and Donald R. Barnes	PA DEP	Remining and Reclamation in Pennsylvania - "Reclaim-PA"
James W. Parkinson	CQ Inc.	A Second Chance for Discarded Coal Fine

PCMIA/SME JOINT MEETING SPEAKERS--1999

Keynote Speaker: Robert C. Dolence, Deputy Secretary Mineral Resources, PA-DEP

Keynote Speaker: Honorable Peter J. Daley, PA State Representative

Student Address Speaker: J. Davitt McAteer, Assistant Secretary, US Department of Labor

SME Luncheon Speaker: James W. Boyd, President John T. Boyd Co.

Speaker	Affiliation	Technical Session Presentation Title
Michael P. Snyder	Mine Safety and Health Admin.	MSHA's Y2K Awareness and Outreach Efforts
Robert A. Haney and Joseph J. Garcia	Mine Safety and Health Admin.	Effectiveness of Cabs for Dusts and Silica Control on Mobile Mining Equipment
John F. Burr	CONSOL Energy Inc.	High Capacity Conveyor Haulage System
Arnold R. Miller	Fuel Cell Propulsion Institute	Hydride Fuel Cells - An Alternative Power Source for Underground Coal Mines
Phill O'Meley	Joy Mining Machinery	Automation in Roof Bolting
Dr. Jeffery H. Kravitz	Mine Safety and Health Admin.	Recent Developments in Mine Rescue and Emergency Warning Communications Systems
Dennis Blessinger	I-SIM Corporation	Driving Simulation for Haulage Operations and Training
Carl Hess	Rocky Gap Quarry (Retired)	How Automation has Affected Production and Safety in Mining
Robert Aichele	Keystone Cement Company	Alternative Fuel Sources
Peter M. Turcic	Mine Safety and Health Admin.	MSHA/NSA Training on Dust and Noise Sampling
Dr. Fred Kissell	NIOSH	Interim Report on the Machine-Mounted Continuous Respirable Dust Monitor
Dr. J. Alton Burks	University of Pittsburgh	The Prevention of Noise-Induced Hearing Loss Among Miners: In Search of Progress
Sid Stone	First Energy Corporation	Re-Powering Bay Shore Unit #1 with Petroleum Coke in a 180MW Equivalent Boiler - An Alliance Between BP Amoco Toledo Refinery and Toledo Edison Bay Shore Power Station
Stanley J. Michalek and Terrence M. Taylor	Mining Safety and Health Admin.	Structural Safety at Mine Facilities
Michael Peelish	RAG American Coal Company	Implementation of the PA Diesel Law
Gene Davis	UMWA	Effectiveness of the PA Diesel Law

PCMIA/SME JOINT MEETING SPEAKERS –2000

Keynote Speaker: David M. Young, President, BCOA

PCMIA Luncheon Speaker: David C. Hardesty Jr., President, West Virginia University

Keynote Speaker: J. Brett Harvey, President & CEO, Consol Energy Inc.

SME Luncheon Speaker: Dr. Donald E. Ranta, SME National President

Speaker	Affiliation	Technical Session Presentation Title
William J. Gray	Mine Safety and Health Admin.	Review of Recent Rib Roll Fatalities and Accidents
John E. Urosek	Mine Safety and Health Admin.	A Recent Mine Fire in the U.S.
Kevin G. Stricklin	Mine Safety and Health Admin.	Changes in Dust Enforcement Program
James Pablic and Dennis Dolinar	PCMIA President NIOSH	Advance Pillaring on a Continuous Haulage Section as a Tool to Reduce Horizontal Stress and Improve Roof Conditions
Jim Petrie and Dr. Kelvin Wu	Mine Safety and Health Admin. Mine Safety and Health Admin.	Highwall Safety for Metal and Nonmetal Surface Mines
John Radomsky	Mine Safety and Health Admin.	A Discussion on the Explosion at the Kaiser Aluminum and Chemical Plant in Gramercy, Louisiana
Robert Glenn	National Industry Sand Association	Health Programs
Harry Tuggle	United Steelworkers of America	MSHA's New Part 46 Training Rule
Leonard C. Marraccini	Mine Safety and Health Admin.	Noise Control for Mining Equipment
John Fredland	Mine Safety and Health Admin.	Developments in Surge Piles Safety
Arthur "Bud" Page	Mine Safety and Health Admin.	Video Cameras on Large Surface Haulage Equipment
Stanley J. Michalek	Mine Safety and Health Admin.	Recent Structural Accidents in the Mining Industry
Dr. Milton Wu	Consol Energy Inc.	Production of Manufactured Aggregates from Coal Combustion By-Products
C. Okey Reitter Jr.	Mine Safety and Health Admin.	Revised MSHA's Guide to Equipment Guarding

PCMIA/SME JOINT MEETING SPEAKERS –2001

Keynote Speaker: David Lauriski, Assistant Secretary of Labor MSHA
PCMIA Luncheon Speaker: Wes Kenneweg, President & CEO, Draeger Safety, Inc.
Keynote Speaker: Richard Metzler, Acting Director, NIOSH-NPPTL
SME Luncheon Speaker: Ta M. Li, SME President

Speaker	Affiliation	Technical Session Presentation Title
Dan Armour	Joy Mining Machinery	Engineering Noise Controls for Underground Mining Equipment
Chris Nyikos and Rick Curtice	Mountain Coal Company Haliburton Energy Services	Successful Application of Remote Seals to Extinguish a Mine Fire
Michel Plumly	US Steel Mining Company	Mine Fire Preparedness
Jeffery H. Kravitz	Mine Safety and Health Admin.	Virtual Reality Training for Mine Rescue Teams
George J. Karabin	Mine Safety and Health Admin.	The Solvay Experience – Major Ground Collapse
Joseph M. Denk	Mine Safety and Health Admin.	MSHA Metal/Nonmetal Diesel Particulate Rule
Pierre DeBlois	Leica Geosystems	Automated Monitoring Systems for Highwalls and Dams
Dr. Marc Betournay	CANMET	Fuel Cell Technology
Michael Eastman	NETL, DOE	Coal as a Reliable Source of Energy
Donald Gibson, Michael Heenan, Mark Malecki, Joseph Main	Various	Panel Discussion: Contractor Liability
Mark Bartkoski	Coal Services Group	Maximizing Scheduling
Mark E. Skiles	Mine Safety and Health Admin.	MSHA's Accident Reduction Program
Jack Magic	RAG Emerald Resources	Coping with an Aging Workforce in the Mining Industry

PCMIA/SME JOINT MEETING SPEAKERS –2002

Keynote Speaker: Mark Skiles, Director of Technical Support, US Department of Labor
PCMIA Luncheon Speaker: J. E. “Jack” Katlic, Retired Senior Vice President, American Electric Power
Keynote Speaker: James Roberts, President & CEO, RAG American Coal Company
SME Luncheon Speaker: Dr. Michael Karmis, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Sean C. Isgan	CME Engineering, Inc.	Quecreek Recovery Engineering Problems
Frank Chase	NIOSH	Reducing the Risk of Ground Falls During Pillar Recovery
Jim Szalankiewicz and Ray Bashline	TJS Mining, Inc.	New Style Knee Pads Solve Low Coal Injuries
Thomas Todd	Mine Safety and Health Admin.	Noise Prevention in Continuous Mining Machines
Bruce Leavitt	Consulting Hydrogeologist	Fairmont Pool and Related AMD Issues
Thomas A. Gray	GAI Consultants, Inc.	Omega Mine Injection Project
James Mudge	Civil Environmental Consultants	Effect of Subsidence on Streams
Dr. Yi Luo, Dr. Syd Peng, and John Cole	West Virginia University	Mitigating Subsidence Influence on Residential Structures Caused by Longwall Mining Operations
Brian Barrett	Diversified Mining and Safety Services	Operators’ Training Issues of Parts 48, 75 and 77
James Dean	West Virginia University	Workplace Safety
Jared Baer	Fifth Dimension Technologies, Inc.	Virtual Reality Simulations for Training of Miners and Equipment Operators
Dana Reinke	NIOSH	Education and Training for an Evolving Workplace

PCMIA/SME JOINT MEETING SPEAKERS –2003

Keynote Speaker: Dr. Lewis Wade, Associate Director-Mining, CDC/NIOSH/US Department of HHS

PCMIA Luncheon Speaker: Carol Raulston, Senior Vice President, Communications, National Mining Association

Keynote Speaker: George Ellis, President, Pennsylvania Coal Association

SME Luncheon Speaker: Dr. Thomas J. O'Neil, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Dan Alexander	Consol Energy	Cost of Coal Mining Catastrophes
Steve Kravits	Target Drilling Inc.	Directional Drilling Technology Solutions for Mining Problems
Brad DeBusk	Consol Energy	Mine 84 Fire
Glenn Wattley	Stolar Horizon Inc.	Continuous Mining Look-Ahead Radar
Dr. Keith A. Heasley and Philip Worley	West Virginia University Peabody Energy Corporation	Stress Analysis and Support Design for Longwall-Through Entries (A Study Case)
Dr. Jeffery Kravits and Kenneth Sproul	Mine Safety and Health Admin. Mine Safety and Health Admin.	Development of a Permissible Mine Explorer Robot and the Storm Decline Investigation
Burt A. Waite	Moody and Associates	Effects of Longwall Mining on Ground Water and Surface Water Resources
Frederick Haydock	Water Recovery Sciences	Heavy and Trace Metals Removal-Building a Clean Environment
Charles Blankenship	Duquesne Light Company	Raising Trout in Treated Mine Water
Lisa Steiner, David Chirdon, Clint Glover, Joe Main, Keith Hainer	Various	Panel Discussion: Safety Issues Associated with Underground Remote Control Mining

PCMIA/SME JOINT MEETING SPEAKERS –2004

Keynote Speaker: Dr. Stan Suboleski, Commissioner, Federal Mine Safety & Health Review Commission

PCMIA Luncheon Speaker: Colin M. Kelly, V.P., Peabody Energy and President, Prairie State Generating Company

Keynote Speaker: Rita Bajura, Director, National Energy Technology Center, US Department of Energy

SME Luncheon Speaker: Art Schweizer, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Thomas A. Gray	GAI Consultants, Inc.	Remote Mine Seal Construction
Len Fry	Halliburton Energy Services	The Dotiki Mine Fire
William Tolliver	Consol Energy	Mine Emergency Preparedness
Thomas Prokop	Consol Energy	Underground Data Network Infrastructure
William D. Monaghan and Michael A. Trevits	NIOSH NIOSH	Use of Ground Penetrating Radar for Locating Abandoned Mines
Harry C. Verakis	Mine Safety and Health Admin.	New Technology Projects to Improve Mine Safety
Dr. Khaled Morsey and Dr. Keith Heasley	West Virginia University West Virginia University	Design of Gas Well Pillars in Longwall Gateroads
David J. Whitlatch	PA Department of Transportation	Longwall Mining Subsidence Impact on Interstates 70 and 79
Sharon O. Flanery	Step toe & Johnson	Well Ownership Issues Prior to Plugging
Duane Yost	Gene D. Yost & Son, Inc.	Plugging Wells for Mine Through
Dr. Yi Luo and Dr. Syd Peng	West Virginia University West Virginia University	Mitigation of Longwall Subsidence on a Guyed Steel Tower

PCMIA/SME JOINT MEETING SPEAKERS –2005

Keynote Speaker: Hal Quinn, Senior Vice President and General Counsel, National Mining Association

PCMIA Luncheon Speaker: James McCaffrey, Vice President, Material & Supply Chain Management, Consol Energy

Keynote Speaker: Benjamin M. Statler, President and Chief Executive Officer, PinnOak Resources, LLC

SME Luncheon Speaker: Dr. Brij M. Moudgil, SME National President-Elect

Speaker	Affiliation	Technical Session Presentation Title
Tom Wynne	Alliance Coal	The Excel No. 3 Mine Fire
John Zachweija	Consol Energy	Buchanan Mine Fire and Recovery
Michel Kooij and Marek Romanski	Global Steamexfire Inertisation Svcs. Global Steamexfire Inertisation Svcs.	New Generation Jet Engine for Fighting Mine Fires
Charles T. Shaynak	Consol Energy	Best Practices and the Road to Zero at the Enlow Fork Mine
Blair McGill	Eastern Associated Coal Corporation	Safety – A Way of Life Re-energizing Safety at Peabody
Pauline L. Lewis and Kean Johnson	NIOSH Bridger Coal Company	The Experience of the Bridger Coal Company with Implementing an Ergonomics Process
Erich Rupprecht	Thermo Electron Corporation	Update – Continuous Personal Dust Monitor Device
Michael Koesterer	Mine Site Technologies	Enhancing Production, Safety and Asset Management via New Technology Communication (Voice Over IP)
John Watson and Harry Verakis	Dynoconsult Mine Safety and Health Admin.	Electronic Blast Initiating Technology for the Mining Industry
Rod Gilmour	Austdac	Safety of Conveyor Emergency Stop Switch Systems

PCMIA/SME JOINT MEETING SPEAKERS –2006

Keynote Speaker: James Dean, Director, Extension & Outreach Program, West Virginia University

PCMIA Luncheon Speaker: Ryan Murray, Superintendent, Century Mine, Murray Energy

Keynote Speaker: Dr. Güner Gürtunca, Director, NIOSH-PRL

SME Luncheon Speaker: Barbara Filas, SME Past President

Speaker	Affiliation	Technical Session Presentation Title
Ted Neely	Zurich Services Corporation	What Does an Insurance Company Look For in Mine Emergency Prevention
William Moser	Murray Energy	Coal Mine Fire Brigades
Wesley A. Shumaker	Mine Safety and Health Admin.	New Technology Communications Systems
William Tolliver	Consol Energy	Mine Fire Preparation
Dr. Kelvin Wu	Mine Safety and Health Admin.	MSHA Refuge Chamber
John Gallick	Foundation Coal Company	How Does the Safety Culture Impact Emergency Prevention
Les Boord	NIOSH	NIOSH Mine Escape Respirator Program
Dr. Andrzej M. Wala	University of Kentucky	Mine Fire Modeling
Dr. Keith A. Heasley	West Virginia University	Update on the West Virginia Miner Location Seismic System
David E. Hess	Holston & Crisci	Dealing with the Media and Family Members of Trapped Miners During a Mine Emergency
Dr. Jeffrey Kravitz	Mine Safety and Health Admin.	Mine Emergency Command Center Software
David N. Hommrich	Community Networks	Wireless Mesh Networking Redundant, Failsafe Communications for Underground Mines

PCMIA/SME JOINT MEETING SPEAKERS –2007

Keynote Speaker: Dr. Jeffrey L. Kohler, Associate Director for Mining & Construction, NIOSH

PCMIA Luncheon Speaker: Dr. R. Larry Grayson, Professor, The Pennsylvania State University

Keynote Speaker: Michael R. Peelish, Senior Vice President, Foundation Coal Corporation

SME Luncheon Speaker: James R. Arnold, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Dr. Felicia F. Peng	West Virginia University	Emergency Underground Mine Chamber/Shelter & Internal Atmosphere Maintenances
Rohan Fernando	Draeger Safety	Refuge Chambers/Emergency Shelter Designs
William J. Helfrich and Thomas D. Barkand	Mine Safety and Health Admin. Mine Safety and Health Admin.	Lightning Effects in Underground Mines
Joe Taranto	DEP	DEP Mine Mapping Efforts
Larry G. Stolarczyk	Stolar Research Corporation	Drum Mounted Look Ahead Radar for Void Detection
J. Jarrod Durig	Mine Safety and Health Admin.	MSHA's Mine Void Detection Demonstration Program
Stephen J. Kravits	Target Drilling	Verifying It's Safe to Mine Near Old Works by Directionally Drilling In-Mine and Surface Horizontal AMV Boreholes – Case Studies and New Applications
David P. Snyder	NIOSH	Emergency Communications and Tracking
David Clardy and Tracy Hayford	MATRIX Design Group MATRIX Design Group	Miner Tracking: Past, Present and Future
David C. Chirdon	Mine Safety and Health Admin.	MSHA Communications and Tracking Activities
Dr. George Allekotte	Foundation Coal Corporation	Tracking and Voice Communication
Stephen L. Bessinger	San Juan Coal Company	Sealing and Inertization at San Juan Mine
Murali M. Gadde	Peabody Energy	Design of Underground Coal Mine Seals
R. Karl Zipf, Jr.	NIOSH	An Update of Mine Seal Research at NIOSH

PCMIA/SME JOINT MEETING SPEAKERS –2008

Keynote Speaker: James F. Roberts, Chairman of the Board & CEO, Foundation Coal Corporation

PCMIA Luncheon Speaker: Shane D. Perry, Mining Engineer, John T. Boyd Company

Keynote Speaker: Robert A. Full, Chief, Allegheny County Dept. of Emergency Services

SME Luncheon Speaker: Dr. George W. Luxbacher, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Chad Kozin	SME	An Overview of OneMine.Org
Bill Tolliver	Consol Energy	Shaft Sealing with Metal Cap and Inflatable Bladders
Dan Quesenberry	Consol Energy	Pioneering Underground Examinations
Kris Lilly	Red Bone Mining Company	Effects of New Mine Rescue Rules on Rescue Teams
David Chirdon and David Snyder	Mine Safety and Health Admin. NIOSH	MSHA/NIOSH Communications and Tracking Activity Update
Michel Kooij	Liberty Gasturbine Holland BV	Steamexfire
Doug Kimball	TP Manufacturing	SCSR Vision – Realizing a New Generation of Mine Escape Respirators
Daniel Connell	Consol Energy	Retrofitting Smaller Coal-Fired Power Plants for Pollution Control
James R. Holland	American Electric Power	Jet Bubbling Reactor Technology: Limestone Based Forced Oxidation Wet Flue Gas Desulphurization
Dr. Barbara J. Arnold	Prep Tech Inc.	PFBC Technology: Turning Coal Waste Impoundments into Pennsylvania Green Energy
Dr. Stephen G. Sawyer, Jr.	Mine Safety and Health Admin.	Procedures for Engineering Design and Analysis of New Mine Seals
Monte R. Hieb and Michael J. Sapko	WV Office of Miners' Health, Safety and Training Sapko Consulting	A Systems Approach to Gob Sealing Using Mine Blast Attenuators Constructed of Available Mine Rock Rubble
Philip Molesky	Consol Energy	Engineering Design and Analysis of a Seal – the Industry Experience

PCMIA/SME JOINT MEETING SPEAKERS –2009

Keynote Speaker: Bruce Watzman, Senior Vice President, Legal and Regulatory Affairs, National Mining Association

PCMIA Luncheon Speaker: Murali M. Gadde, Senior Engineer, Ground Control, Peabody Energy

Keynote Speaker: Dr. William H. Wilkinson, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Murali Gadde, Jeff Kukura, Philip Molesky, Ryan Murray, John Urosek	Peabody Energy, Alpha Natural Resources, Consol Energy, Murray Energy, Mine Safety and Health Admin.	Panel Discussion: Overview of Mine Seals – An Industry Perspective
Marlon Whoolery	Mining Technology & Training Center	Mining Technology and Training Center Update
James Dean and Joe Caldwell	WVU Mining Extension Program WVU Mining Extension Program	New Mine Training Facility at Doll’s Run
Don Conrad	Mining Technology & Training Center	Mine Emergency Response Training
Nicolas Duplessis	Biothermica Technologies Inc.	First VAM Mitigation Project in America (Case Study)
Heather Dougherty	NIOSH	Methane Control and Prediction
Richard L. Toothman, Jr.	CNX Gas Corporation	Successful Implementation of Coal Seam Degasification Techniques
Tim Burgess	J. H. Fletcher & Company	Care, Inspection and Compliance of a Dust System
Michael P. Valoski	Mine Safety and Health Admin.	Issues with Polyurethane Foams
J. Shawn Peterson	NIOSH	Noise Controls for Roof Bolting Machines

PCMIA/SME JOINT MEETING SPEAKERS –2010

Keynote Speaker: The Honorable Tim Murphy, Congressman, 18th District of Pennsylvania
PCMIA Luncheon Speaker: Young Leaders Ryan Desko, Rick Kim, Ryan Murray, and Heather Trexler
Keynote Speaker: Dr. Nikhil C. Trivedi, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Carl E. Baisden	WV Mine Rescue Task Force 1	Refuge Chamber Rescue and Protocols
John Gallick	Alpha Natural Resources	Corporate Emergency Preparedness
Dale Byram	Walter Energy	Meeting Mine Emergency Response Needs in Rural Settings
David Snyder	NIOSH	Mine Communications and Tracking Systems
David Chirdon	Mine Safety and Health Admin.	MSHA Communications and Tracking Activity
Donald R. Foster, Jr.	Mine Safety and Health Admin.	Approval of Emergency Response Plans (ERP) Relative to Communications and Tracking
Drew Potts	NIOSH	Recent NIOSH Dust Control Research Results
Jon C. Volkwein and David Varney	NIOSH AMFIRE Mining Company	Outby Respirable Dust from the PDM Perspective
Robert A. Thaxton	Mine Safety and Health Admin.	Overview of MSHA's Proposed Coal Mine Dust Regulations
Donald S. Swartz II	John T. Boyd Company	Chinese Longwall Development Practices
Dr. Jinsheng Chen	DSI Underground Systems	Longwall Top Coal Caving Method
Edward Niederriter	Joy Mining Machinery	7-Meter Longwall Mining

PCMIA/SME JOINT MEETING SPEAKERS –2011

Keynote Speaker: George Ellis, President, Pennsylvania Coal Association

PCMIA Luncheon Speaker: Alan Dupree, President, Northern Kentucky Operations, Alpha Natural Resources

Keynote Speaker: John N. Murphy, SME National President

Speaker	Affiliation	Technical Session Presentation Title
Joanne Reilly	Coal Gas Recovery	Well Drilling in Pennsylvania
Gary E. Slagel	Consol Energy	Natural Gas Development and its Impact on Underground Mining
James Pancake	EQT Production Company	Marcellus Shale Reservoir/Production Characteristics and Impact of Midstream Infrastructure on Mining Activity
Dr. Judodine Patterson	Alcoa Technical Center	An Innovative Alternative Technology of Acidic Coal Mine Refuse Reclamation Using Bauxite Residue
Mark R. Haibach	Civil & Environmental Consultants	Mitigation Techniques for Mine Subsidence Impacts on Streams
Dr. Anthony Iannacchione	University of Pittsburgh	The 3 rd Assessment of Pennsylvania's ACT 54 – Protecting Structures, Land and Water Supplies from Underground Coal Mine Subsidence Damages, 2003 to 2008
Jim Hickman	PBS Coals	The Sarah Project
Dr. John C. Stankus	Keystone Mining Services	Ground Control Analysis and Design: American Energy Corporation, Century Slope
Scott Rasmussen	Consol Energy	The Northern West Virginia RO Plant
John Gallick, Thomas Barczak, David Snyder	Alpha Natural Resources, NIOSH, NIOSH	Panel Discussion: The MINER Act Plus 5 Years
Joseph Schuck	Draeger Safety	Draeger Xzone: Bridging the Gap Between Portable and Fixed/Permanent Gas Detection Instrumentation Underground
Jennifer Groves	Masimo Corporation	Carbon Monoxide: The Silent Killer

PCMIA/SME JOINT MEETING SPEAKERS –2012

Thursday Keynote Speaker: Joseph A. Main, Assistant Secretary for Mine Safety and Health

PCMIA Luncheon Speaker: Rick McAllister, Alpha Natural Resources and Ginny, K-9 Rescue Team Member (cancelled)

Friday Keynote Speaker: Dr. Michael Karmis, Stonie Barker Professor, Virginia Tech

Luncheon Speaker: Drew Meyer, SME President

Speaker	Affiliation	Technical Session Presentation Title
Dr. Dirk van Zyl	University of British Columbia	Contributing to Sustainable Development: Management and Engineering Challenges
Kacy Jursa	CONSOL Energy Inc.	CONSOL Energy's First Corporate Responsibility Report
Dr. Nikhil C. Trivedi	IDEKIN International/SME President	Sustainability Initiatives at SME
Dr. Joseph C. Hirschi	Illinois Clean Coal Institute	Optimizing Continuous Miner Cut Sequences for Improved Productivity and Worker Health and Safety
Matthew C. Powell	CONSOL Energy Inc.	Enlow Fork Mine-Slope and Overland Conveyor Project
James L. Laurita, Jr.	MEPCO LLC	Design and Development of a New Generation Mine-Mouth Coal Fired Power Plant
Dr. Vincent A. Scovazzo	John T. Boyd Company	1957 Coal Pillar Study Update
Tom Gray Heather Trexler	Tetra Tech, Inc.	Challenges and Benefits of Using Mine Pool Water for Hydraulic Fracturing
Gary E. Slagel	CONSOL Energy Inc.	Update on Pennsylvania Act 13 and Act 2
Brandon Fisher	Center Rock, Inc.	Rescue Shaft Drilling for the Recovery of 33 Miners in Chile 2010
Brian Thompson	Joy Global	Smartzone Proximity Detection: Building a More Intelligent System
Dr. Kray Luxbacher	Virginia Tech	Comprehensive Atmospheric Mine Monitoring: Developing Technology and Implications for Mine Safety
Anu Martikainen	NIOSH-OMSHR	Studying the Feasibility of Ultrasonic Anemometers Underground

PCMIA/SME JOINT MEETING SPEAKERS –2013

Thursday Keynote Speaker: Bruce Watzmann, Senior Vice President, Regulatory Affairs, National Mining Association

PCMIA Luncheon Speaker: Dr. Gerald Luttrell, E. Morgan Massey Professor, Virginia Tech

Friday Keynote Speaker: James J. McCaffrey, Senior Vice President, CONSOL Energy Inc.

Luncheon Speaker: John Pippy, CEO, Pennsylvania Coal Alliance

Speaker	Affiliation	Technical Session Presentation Title
Joel Koricich	Pennsylvania Department of Environmental Protection	St. Michael Mine Drainage Treatment Plant
Andrew Place	Center for Sustainable Shale Development	Engagement, Standards and Validation
Heather Trexler Thomas Gray	Tetra Tech, Inc.	East Avoca-Grove Street Drainage Study
Jay W. Hawkins	Office of Surface Mining	Ins and Outs of Underground Mine Recharge and Discharge
Joshua Chlopek	MEPCO LLC	Acid Mine Drainage Remediation-Dredging Activities at Booths Creek Coal Mine, West Virginia
John Mattingly	GMS Mine Repair & Maintenance	Belt Badger – An Engineering Solution for Conveyor Belt Rehabilitation
Eugene Krupa	Rox Coal	Barbara B-Seam Mine Rehabilitation and Dewater
Edward F. Zeglen, Jr.	Alpha Natural Resources	Collegiate Mine Rescue
Phil Carrier	Innovative Wireless Technologies, Inc.	Enhancing Mine Rescue Communications
Charles T. Shaynak	CONSOL Energy Inc.	Events After Detection of the Blacksville Mine Fire
Nicole Iannacchione Dr. Anthony Iannacchione	GAI Consultants, Inc. University of Pittsburgh	Factors Affecting Longwall Mine Layouts in Pittsburgh Coalbed of Southwestern Pennsylvania
James Mazzocca	CONSOL Energy Inc.	Shoemaker Mine Belt Project

PCMIA/SME JOINT MEETING SPEAKERS –2013

(continued)

Eric Anderson	Alliance Resource Partners, L.P.	Tunnel Ridge: Challenges Overcome
Dr. Kray Luxbacher	Virginia Tech	Mine-Wide Fiber Optic Sensing: Developments and Advantages
Dr. Keith A. Heasley	West Virginia University	The Alpha Foundation: Past, Present and Future
Rohan D. Fernando	NIOSH	Next Generation Breathing Air Supplies for Mine Escape

Coal: Towards Cleaner Production

PCMIA Luncheon Speaker: Susan B. Bealko, Corporate Safety Director, GMS Mine Repair & Maintenance

Keynote Speaker: Joe Pugh, Vice President Engineering Methods and Standards, Alpha Natural Resources

Luncheon Speaker: John Pippy, CEO. Pennsylvania Coal Alliance

Speaker	Affiliation	Technical Session Presentation Title
Dr. David Osborne	Manford Pty Ltd	The Conference Objectives and Setting the Scene
Dr. Larry Thomas	Dargo Associates Ltd	Coal Resources and Reserves
Dr. Barbara Arnold	Prep Tech, Inc.	Coal Characterization and Assessment
Paul M. Reagan	Sampling Associates International	Recent Developments in Mechanical Sampling
Marc Mostade	Most Coal Engineering	Coal Seam Gas (CSG) and Underground Coal Gasification (UCG) – A Non-Conventional “Gas Winning” Obtained Directly from Deep Coal Lying Underground
Dr. Thomas Novak	University of Kentucky	Advances in Coal Mining Technology
Dr. Aaron Nobel	West Virginia University	Coal Preparation: Trends in Circuitry and Technology Innovations
Dr. Peter J. Bethell	Cardno	Optimizing Coal Preparation Plant Design Internationally
Dr. Gerald H. Luttrell	Virginia Tech	Optimization, Simulation and Control of Coal Preparation Plants
Grahame Hopkins	FLSmidth Pty Ltd	Material Handling
Dr. Jürgen Hellmich	iSAM AG	Ship Loader and Unloader Automation, Remote Operation and Advanced Collision Prevention
Gordon W. Zonailo	Ausenco	Engineering the Coal Transportation Chain – Pit to Port to Port
Dr. David Osborne	Manford Pty Ltd	Supply Chain Optimization
Professor Yuxin Wu	Tsinghua University	Current Clean Coal Utilization in China

PCMIA/SME JOINT MEETING SPEAKERS – 2014

(continued)

Professor Sumantra Bhattacharya	Indian School of Mines	The Emerging Role of Coal in India
Matthew Boyle	CRU International (Australia) Pty Ltd	Global Markets
Jude Clemente	JTC Energy Research Associates	The Social, Economic and Environmental Value of Coal
Dr. Richard Warner	University of Kentucky	Cost Effective Environmental Sustainability: Stormwater and Sediment Control Systems
Kim van Netten	University of Newcastle, Australia	Avoiding Waste: A Case Study on Fast Agglomeration of Fine Coal Using a Novel and Economic Binder
Greg Smith	Manford Pty Ltd	Thermal Coal
Dr. Sushil Gupta	UNSW Australia	Metallurgical Coal
Dr. David Harris	CSIRO	Gasification and Conversion
Joshua Chlopek	GCC Energy	Coal Use in Cement Production
Dan Eyre	E.On Technologies	Value-In-Use Assessment of Coals for Power Generation
J. Steven Gardner	2015 SME President-Elect	Changing MINDS About MINES in America and the World
Paul C. Jones	National Mining Hall of Fame and Museum	National Mining Hall of Fame and Museum
Rodney Shabbick	PA Bureau of Mine Safety (S.M.R.T.)	Good Medicine in Bad Places and Situations
Blaise Bucha	CONSOL Energy	Changing Coal Mine Ventilation Practices in Southwestern Pennsylvania
Dr. Kray Luxbacher	Virginia Tech	Design of Built-In-Place Refuge Alternatives: A Novel Approach
Dr. Dan Alexander	NIOSH	Atmospheric Monitoring Systems and Air Flow Sensors

PCMIA/SME JOINT MEETING SPEAKERS – 2014

(continued)

Paul Krivokuca	Prairie State Generating Company	Prairie State Generating Company Overview: “The Largest Coal-Fired Plant Since 1982”
Brent Slaker	Virginia Tech	Photogrammetric Monitoring of Standing Roof Support
Josh Helbig	GMS Mine Repair & Maintenance	Reducing Safety Hazards with Engineering Developments

PCMIA/SME JOINT MEETING SPEAKERS –2015

Thursday Keynote Speaker: J. Steven Gardner, President/CEO, ECSI, LLC and 2015 SME President

PCMIA Luncheon Speaker: Brett A. Ashley, P.E., Mining Engineer, Rosebud Mining Company

Friday Keynote Speaker: John Pippy, CEO, Pennsylvania Coal Alliance

Luncheon Speaker: Dr. John R. Craynon, Director of Environmental Programs, Virginia Center for Coal and Energy Research

Speaker	Affiliation	Technical Session Presentation Title
Thomas J. Porterfield	Farnham & Pfile Engineering	3-D Laser Scanning Revolutionizes Project Designing
Bryan Boskovich	Alpha Natural Resources	Describing Underground Coal Mine Ventilation Pressure Distribution Using a Small-Scale Physical Model
William Hyatt	Alpha Natural Resources	Venturi Rock Dusting
Ellen Gilliland	Virginia Center for Coal and Energy Research	Carbon Capture and Storage Technologies for Enhanced Coalbed Methane Production
Dr. Anthony Iannacchione	University of Pittsburgh	The Role of Barriers Beneath Stream Beds in Preventing Unplanned Discharges from Northern Appalachian Coal Mine Pools
Mark Maguire	Civil and Environmental Consultants	Applying Web-Based Technology for Cost-Efficient Environmental Reporting: A Case Study for Water Sampling at Mining Facilities
Dr. Launa Mallett	NIOSH/OMSHR	Mine Rescue in Virtual Training Environments
Dimitrios Apostolopoulos	Carnegie Mellon University	Application of a Robotics Platform to Identify Hazards in the Underground Environment
Vinod Kulathumani	West Virginia University	Integrated Surface Mining Safety System
Bill Reid	CoalZoom.com	In Defense of the Coal Economy
Senator Camera Bartolotta	PA 46th District	Mining Matters: A Legislative Perspective
Dr. George Luxbacher	Consultant	The Future of Coal Mining...Where Do We Go From Here?
John E. Urosek	MSHA	Mine Rescue Communications

PCMIA/SME JOINT MEETING SPEAKERS – 2015

(continued)

Dr. Stephen G. Sawyer, Jr. Eric J. Glisan	MSHA	Updates and Clarification for Mine Seal Water Drainage Systems
Seven Southern	Repair King-Southern Mine Service	Dust Suppression

PCMIA/SME JOINT MEETING SPEAKERS –2016

Thursday Keynote Speaker: Dr. Jessica Kogel, Associate Director for Mining, NIOSH

PCMIA Luncheon Speaker: Ryan M. Murray, Vice President-Operations, Murray Energy Corporation

Friday Keynote Speaker: Timothy D. Arnold, SME President

Luncheon Speaker: Bruce Watzman, Senior Vice President, Regulatory Affairs, National Mining Association

Speaker	Affiliation	Technical Session Presentation Title
Ricardo A. Olea	USGS	Geostatistical Methods for Determining Drill Hole Spacing in Coal Reserve Assessments
Jon E. Haacke	USGS	U.S. Coal Resources and Reserves Assessment Project-United States Geological Survey
John S. Metzger	IDSNA Inc.	Remote Sensing Studies: Synthetic Aperture Radar and Mine Data Analysis
John Krenzel	Pennsylvania State University	Direct-Fired Intake Air Heating at Pennsylvania Coal Mines
Joshua Chlopek	GCC Energy LLC	Application of 5S to an Underground Coal Mine (King II Mine)
Dr. Steven Schafrik	Virginia Tech	Through the Earth Communications
Jess W. (Bill) Granville	J. W. Granville Consulting	Surface to Underground: “IF” – “WHEN” – “HOW” (M/NM)
Dr. David Newman	Appalachian Mining & Engineering	The Development and Planning of Multiple Level Underground Limestone Mines
Dr. Qingqing Huang	West Virginia University	Rock Dust Surface Chemistry Modifications for Improved Dispersion in Coal Dust Explosion Mitigation Applications
John Van Ness	University of Pittsburgh	The Deer Creek Mine Pool of Allegheny County, Pennsylvania: History, Monitoring, and Treatment
Robert Baker	Tetra Tech	Steep Slope Coal Refuse Pile Closure Project
T. Anthony Toney	Somerset Coal International	Recover Extra Fine Coal with the SUB325™ Centrifuge
Dr. Dana R. Willmer	NIOSH	Implementing a Health and Safety Management System: Insights from NIOSH Research

PCMIA/SME JOINT MEETING SPEAKERS – 2016

(continued)

Jonisha Pollard	NIOSH	An Overview of NIOSH Mining's MSD Prevention Research
Sam Baker	Pennsylvania State University	Penn State Mine Rescue Team

PCMIA/SME JOINT MEETING SPEAKERS –2017

Thursday Keynote Speaker: Allen Dupree, Senior Vice President-Safety and Health, Contura Energy Services
PCMIA Luncheon Speaker: Thomas Rauch, Senior Engineer & Project Manager, Kappes Cassiday & Associates
Friday Keynote Speaker: John G. Mansanti, SME President
Luncheon Speaker: Dr. Michael Karmis, Director-Virginia Center for Coal & Energy Research, Virginia Tech

Speaker	Affiliation	Technical Session Presentation Title
Craig Rockey	Civil and Environmental Consultants	Conservation of Northern Long-Eared Bat Habitat at an Aggregate Mine in Westmoreland County, Pennsylvania
Thomas A. Gray	Tetra Tech	Rare Earth Elements in Coal
Patrick J. Sullivan, Jr.	Civil and Environmental Consultants	Steep Slope Erosion and Sedimentation Control at a Limestone Mine in West Virginia
Paul Pierce	USGS Central Energy Resources Science Center	Coal Basin Assessments Economics Evaluation Approach
Dr. Elliott Barnhart	USGS Wyoming/Montana Water Science Center	Enhanced Microbial Coalbed Methane Generation: Field Site and Diffusive Sampler Investigations
Sarah Dagit	Phoenix First Response	The Importance of Mine Gas Analysis Databases in Managing Underground Scenarios
Donald Hulse	Gustavson Associates LLC	International Social License in Mining Projects
Dr. John R. Craynon	EXIM (Export-Import Bank of the United States)	Encouraging Sustainable Development Through Mine Finance
Jamie Stilley	Amerikohl Aggregates, Inc.	Best Practices in Surface Mining of Limestone in Western Pennsylvania
Joseph M. Denk Kent Armstrong	MSHA Draeger Safety Canada Limited	Canadian International Mine Rescue Contest
Dr. Cassandra Hoebbel	NIOSH	How Confident are Underground Coal Mine Workers in Their Ability to Self-Escape?
Marlon Whoolery Douglas J. Myers	MTTC West Virginia University	Is Training Adequate for Responsible Persons?

PCMIA/SME JOINT MEETING SPEAKERS – 2017

(continued)

Katie Hutton	Pennsylvania State University	The Benefits of Being on a Collegiate Mine Rescue Team
Roby Cressman	Komatsu Mining Corp. Group	Salt Mine Journey from Drill and Blast to Continuous Mining
Garron Ross	J.H. Fletcher & Co.	Methods for Controlling Respirable Dust in an Underground Mining Environment
Carmen Faieta	Vesta Mine Supply	Shotcrete 101

PCMIA/SME JOINT MEETING SPEAKERS –2018

Thursday Keynote Speaker: David G. Zatezalo, Assistant Secretary for Mine Safety and Health

PCMIA Luncheon Speaker: Jimmy Brock, President and CEO, CONSOL Energy Inc.

Friday Keynote Speaker: Dr. Barbara J. Arnold, President-PrepTech Inc. and SME President

Luncheon Speaker: Michael C. Korb, Senior Mining Engineer, Tetra Tech Inc.

Speaker	Affiliation	Technical Session Presentation Title
Carl Carlson Scott Hamilton M. Seth Pelepko Gregory M. Rumbaugh Casey V. Saunders Adam Scarr Daniel Su	Range Resources-Appalachia PA DEP Bureau of Mine Safety PA DEP MSHA CONSOL Energy EQT Production NIOSH	Coal/Gas Partnership Panel
Maxwell Clark	MSHA	Trapped Miner Seismic Location System
Dr. Dan Alexander	West Virginia University	Colombia National Mine Rescue Contest
Vanilo Antonio Ricky Shipe	Penn State WVU	Benching Demonstration
Dr. Inoka Eranda Perera	NIOSH	Mitigating Coal Dust Explosions by Using Treated Rock Dust
Sarah Dagit	Phoenix First Response	Using Microsoft Excel to Optimize Safety and Productivity for Mining Operations with Prens Software
Dave Yantek	NIOSH	NIOSH Research on Underground Coal Mine Built-in-Place Refuge Alternatives: Contamination Ingress, Purging, and Cooling Systems
Dr. Thomas M. Barczak	Alpha Foundation for the Improvement of Mine Safety and Health	Highlights of the Alpha Foundation Research Program

PCMIA/SME JOINT MEETING SPEAKERS – 2018

(continued)

John E. Urosek	John Urosek Mine Consulting	Development of an Underground Aerial Reconnaissance System
Dr. Steven Schafrik	University of Kentucky	Increasing Effectiveness of Mine Safety Training Using Inexpensive Camera and Rendering Technology
Josh Helbig	GMS Mine Repair & Maintenance	Diverse Applications of Polyurethane and Polyurea Silicate Products in Mining Solutions
Garret Veloski	US Department of Energy, NETL	Drone Aeromagnetic Surveys for Locating Legacy Oil and Gas Wells
Casey V. Saunders	CONSOL Energy	Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells

Challenges and Opportunities in Coal Preparation 2019

Wednesday Keynote Speaker: Dr. Peter J. Bethell, Marshall Miller & Associates

Thursday Keynote Speaker: Keith G. Wallace, Jr., SRK Consulting (U.S.), Inc.

PCMIA Luncheon Speaker: Patrick Dennison, Fisher & Phillips LLP

Friday Keynote Speaker: Dr. Hugh B. Miller, Colorado School of Mines & SME President

Luncheon Speaker: Jason Bostic, West Virginia Coal Association

Speaker	Affiliation	Technical Session Presentation Title
Robert Hollis	The Daniels Company	New Technologies for Dense Media Cyclone Processing and Froth Flotation
Dr. Rick Q. Honaker	University of Kentucky	Applications for X-Ray Transmission Sorters in Coarse Coal Upgrading
Jaco Scholtz	Fraser Alexander	The South African Experience – Fine Coal Processing with Dense Medium Cyclones
James J. McCaffrey	CONSOL Energy	International Coal Markets
Dr. Barbara J. Arnold	PrepTech, Inc.	New Spiral Technologies
Michael Parker, Jr.	Tons Per Hour, Inc.	Pressure Filtration for Fine Refuse Management and Fine Coal Particle Capture
Dr. David Osborne	Somerset Coal International	Increased Revenue and Cost Savings by Recovering Value from Plant Recirculating and Tailings Waste Streams
Dr. Gerald H. Luttrell	Virginia Tech	Advances in Coal Processing Technology
Gary M. Hartsog	Alpha Engineering	The Practical Side of the Ethics Coin for the Mining Engineer
Paul D. Anderson	John T. Boyd Company	International Coal Resource/Reserve Reporting
E. James Hamilton, Esq.	GAI Consultants	Applied Ethics and Risk Management
Richard Beam	DEP-Bureau of Abandoned Mine Reclamation	Pennsylvania's Abandoned Mine Land (AML) Emergency Program
George Watson	Micon	Elco-Allenport Abandoned Mine Fill

PCMIA/SME JOINT MEETING SPEAKERS – 2019**(continued)**

Santosh Lakhan	Environmental Commodities Corporation	Why Coal Mines Should Want to Reduce Their Methane Emissions
David Yantek	NIOSH	NIOSH Refuge Alternatives Research
Wesley A. Shumaker	MSHA	Reducing Surface Mobile Equipment Accidents Through Technology
Dr. Brianna Eiter	NIOSH	Workplace Examinations with NIOSH EXAMiner Software
Joseph Hirschi	Komatsu	Using Data Analytics to Optimize Performance of Underground Soft Rock Extraction Equipment
Dr. Tom LaTourrette David Snyder	RAND Corporation NIOSH	Assessment of the Market for Electronic Technology for Underground Coal Mining Applications
Nate Waters	Arch Coal, Inc.	Overview and Progress Update of Arch Coal's Leer South Mine
Mike Walling	Strata Worldwide	HazardAvert Proximity Detection for Mobile Equipment and Belt Conveyors
Dr. Heather Dougherty Dr. Peter Zhang	NIOSH NIOSH	Assessing the Stability of Unconventional Shale Gas Wells in Longwall Barrier Pillars
Dr. Steven J. Schatzel	NIOSH	Overburden Fracture and Permeability Development Near Gas Wells Located in Longwall Abutment Pillars
Gary DuBois	Target Drilling	Plugging In-Mine Boreholes and CBM Well Coal Bed Laterals with Polymer Gel Prior to Mine Through
Dr. Pramod Thakur	ESMS LLC	Horizontal Drilling and its Applications