

SME/PCMIA  
Post Office Box 95  
South Park, PA 15129

# 2008 SME/PCMIA ANNUAL JOINT MEETING

October 30-31, 2008  
Hilton Garden Inn  
Southpointe  
Canonsburg, PA

Advance Registration  
Deadline for the  
Joint Meeting is  
October 17, 2008

Knowledge • Education • Technology



122nd ANNUAL MEETING  
[www.miningorganizations.org](http://www.miningorganizations.org)

2008 Annual Joint Meeting  
SME/PCMIA

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Hilton Garden Inn  
Southpointe  
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October 17, 2008



PITTSBURGH SECTION  
63rd Annual Off-The-Record Meeting  
[www.sme-pittsburgh.org](http://www.sme-pittsburgh.org)

Thursday - October 30, 2008

7:15 AM to 8:30 AM Registration

EXHIBITS OPEN

8:30 AM to 9:15 AM - **Opening Session:**  
Moderator: Robert P. Kudlawiec,  
Murray Energy Corporation  
Chairperson, SME - Pittsburgh Section

**Keynote Address: Coal: Safe, Secure and Sensible**  
by James F. Roberts, CEO, Foundation Coal Corporation

9:15 AM to 9:30 AM - **An Overview of OneMine.Org**  
by Chad Kozin, Program Manager, SME

9:30 AM to 10:50 AM - **Technical Session 1:**  
**Mine Rescue and Recovery** Session Chairpersons:  
Susan Bealko, NIOSH and Bill Moser, Murray Energy

**Shaft Sealing with Metal Cap and Inflatable Bladders**  
by Bill Tolliver, CONSOL Energy

**Pioneering Underground Examinations** by Dan  
Quesenberry, CONSOL Energy

**Effects of New Mine Rescue Rules on Rescue Teams**  
by Kris Lilly, Redbone Mining Company

10:50 AM to 11:00 AM BREAK

11:00 AM to 12:20 PM - **Technical Session 2:**  
**New Technology** Session Chairpersons:  
John Kovac, NIOSH and Dr. Jeffery Kravitz, MSHA

**MSHA/NIOSH Communications and Tracking Activity Update** by Dave Chiridon, MSHA and Dave Snyder,  
NIOSH

**Steamexfire** by Michel Kooij, Liberty Gasturbine Holland BV

**SCSR Vision—Realizing a New Generation of Mine Escape Respirators** by Doug Kimball, TP Manufacturing

**Thursday - October 30, 2008  
Continued**

**12:30 PM to 2:30 PM - PCMIA Student Luncheon:**  
Moderator: Robert A. Penigar, PCMIA President

**Address to Students: *Looking Ahead: Future Challenges for U.S. Coal Mining*** by Shane Perry, Mining Engineer, John T. Boyd Company

**PCMIA Awards Presentation** by John Murphy, University of Pittsburgh, Chairperson - PCMIA Awards Committee

**Stephen McCann Educational Excellence Award**

**Donald S. Kingery Memorial Award**

**Donald S. Kingery Student Award**

**SME/PCMIA Student Design Award**

**SME/PCMIA Regional Science and Engineering Fair Award Recognition**

**2:30 PM to 2:45 PM BREAK**

**2:45 PM to 4:45 PM Career Fair: *Workforce for the Future of the Mining Industry***  
Panel Moderator: Dr. Dan Alexander, NIOSH

**4:45 PM to 5:00 PM Board bus to CNX Center**

**5:00 to 7:00 PM Member Reception at CONSOL Energy's CNX Center**  
Special welcome by J. Brett Harvey, President & CEO, CONSOL Energy

**MINING INDUSTRY CAREER FAIR**

**Thursday  
October 30, 2008 - 2:45 PM to 4:45 PM**

**Participants to be Announced**

**Friday - October 31, 2008**

**7:15 AM to 8:30 AM Registration—Exhibits Open**

**8:30 AM to 9:15 AM - Opening Session:**  
Moderator: Robert A. Penigar, PCMIA President

**Keynote Address: *Cooperation Between Regional Emergency Response Organizations and the Mining Community*** by Robert A. Full, Chief, Allegheny County Department of Emergency Services

**9:30 AM to 10:50 AM - Technical Session 3:  
Carbon Mitigation and Emissions** Session  
Chairpersons: Dr. Barbara Arnold, PrepTech and Heather Freeman, Moody and Associates

**Retrofitting Smaller Coal-Fired Power Plants for Pollution Control** by Daniel Connell, CONSOL Energy

**Jet Bubbling Reactor Technology: Limestone Based Forced Oxidation Wet Flue Gas Desulphurization** by James R. Holland, AEP

**PFBC Technology: Turning Coal Waste Impoundments into PA Green Energy** by Dr. Barbara J. Arnold, PrepTech, Inc.

**10:50 AM to 11:00 AM BREAK**

**11:00 AM to 12:20 PM - Technical Session 4:  
Mine Seals** Session Chairpersons: John Urosek, MSHA and Ed Zeglen, Foundation Coal

**Procedures for Engineering Design and Analysis of New Mine Seals** by Steve Sawyer, Jr., MSHA

**A Systems Approach to Gob Sealing Using Mine Blast Attenuators Constructed of Available Mine Rock Rubble** by Monte Hieb, WVOMHST and Michael Sapko, Technical Consultant

**Engineering Design and Analysis of a Seal – the Industry Experience** by Philip Molesky, CONSOL Energy

**Friday - October 31, 2008  
Continued**

**12:30 PM to 3:00 PM - SME Luncheon:**  
Moderator: Robert P. Kudlawiec, Murray Energy Corp. and Chairperson, SME - Pittsburgh Section

**Luncheon Address: *Coal & Energy: SME's Cooperative Role*** by Dr. George W. Luxbacher SME President and Vice President-Operations Glenn Springs Holdings Inc.

**SME - Pittsburgh Section Business Meeting**  
Robert P. Kudlawiec, Presiding

**Student Grant Awards  
25- and 50-Yr SME Member Recognition**

**Pittsburgh Section Distinguished Member Award** by Dick Gray, Principal, DiGioia, Gray & Associates, Inc. LLC

**John T. Boyd Memorial Young Engineer Award**

**Section Chairperson's Appreciation Awards**

**THURSDAY  
OCTOBER 30, 2008  
5:00 to 7:00 pm**

**Member Reception at  
CONSOL Energy's  
CNX Center**

**Special welcome by  
J. Brett Harvey, President & CEO,  
CONSOL Energy**

**ADVANCE REGISTRATION  
MUST BE RECEIVED BY  
OCTOBER 17, 2008**

**Mail form to:  
Mary DeRusso  
901 Copsewood Drive  
Bethel Park, PA 15102  
Telephone: 412-835-7387  
Email: mary412d@comcast.net**

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October 30 -31, 2008 - Hilton Garden Inn - Southpointe, Canonsburg, PA**

No.	NOTE: 50% discount on the following prices for retired seniors Add \$10 per attendee if registering after October 17, 2008	Per Person	Total
	Registration: Two Day Session	\$125.00	
	Registration: One Day <b>Circle One</b> Thursday Friday	\$70.00	
<b>TOTAL AMOUNT DUE:</b>			

Name \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Email \_\_\_\_\_  
Telephone \_\_\_\_\_

**Method of Payment**  
 Check (made payable to SME/PCMIA)  
 Credit Card No. \_\_\_\_\_  
 Exp. Date \_\_\_\_\_  
 Cardholder Name \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Card Type MC, Visa, Discover, AE Other \_\_\_\_\_