

SME/PCMIA  
901 Copsewood Drive  
Bethel Park, PA 15102

# 2011 SME/PCMIA ANNUAL JOINT MEETING

October 27-28, 2011  
Hilton Garden Inn  
Southpointe  
Canonsburg, PA

Advance Registration  
Deadline for the  
Joint Meeting is  
October 14, 2011

Knowledge • Education • Technology



125TH ANNUAL MEETING  
[www.miningorganizations.org](http://www.miningorganizations.org)

2011 Annual Joint Meeting  
SME/PCMIA

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Hilton Garden Inn  
Southpointe  
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PITTSBURGH SECTION  
66th Annual Off-The-Record Meeting  
[www.sme-pittsburgh.org](http://www.sme-pittsburgh.org)

Thursday - October 27, 2011

7:15 to 8:30 am Registration

8:00 am Exhibits Open

8:30 to 9:30 am Opening Session:

Moderator: Peter G. Vaughan, Hatch Mott MacDonald  
and Chairman, SME - Pittsburgh Section

**Keynote Address:** *Southwestern Pennsylvania,  
Energy Capitol of the Nation* by George Ellis,  
President, Pennsylvania Coal Association

9:30 to 10:50 am

**Technical Session 1: Gas Well Impacts on Mining**

Session Chairs: Dr. Dan Alexander, NIOSH and  
Brian Shaffer, Alpha Natural Resources

★ *Well Drilling in Pennsylvania* by Joanne Reilly,  
Coal Gas Recovery, LLC

★ *Natural Gas Development and its Impact on  
Underground Coal Mining* by Gary E. Slagel,  
CONSOL Energy

★ *Marcellus Shale Reservoir/Production  
Characteristics and Impact of Midstream  
Infrastructure on Mining Activity* by  
James Pancake, EQT Production Company

10:50 to 11:00 am Break (Visit vendors & displays)

11:00 am to 12:20 pm

**Technical Session 2: Water & Environmental Issues**

Session Chairs: Nicole Iannacchione, GAI Consultants  
and Heather Trexler, UniversalPegasus International

★ *An Innovative Alternative Technology of Acidic  
Coal Mine Refuse Reclamation Using Bauxite  
Residue* by Dr. Judodine Patterson, Alcoa

★ *Water Issues and How They Impact Mining and  
the Environment* by Dan Maltese, Civil &  
Environmental Consultants, Inc.

★ *The 3rd Assessment of Pennsylvania's ACT 54:  
Protecting Structures, Land and Water Supplies  
From Underground Coal Mine Subsidence  
Damages, 2003 to 2008* by Dr. Anthony  
Iannacchione, University of Pittsburgh

**Thursday - October 27, 2011  
continued**

**12:30 to 2:30 pm PCMIA Student Luncheon**  
Moderator: Heather Trexler, UniversalPegasus International and PCMIA President

**Keynote Address to Students: *Running Right at Alpha Natural Resources*** by Allen Dupree, President of Northern Kentucky Operations, Alpha Natural Resources

**PCMIA Awards Presentation** by Michael Trevits, NIOSH and Chairperson, PCMIA Awards Committee

**2:30 to 2:40 pm Break** (Visit vendors and displays)

**2:40 to 4:00 pm**  
**Technical Session 3: Special Engineering Projects**  
Session Chairs: Heather Dougherty, NIOSH and Robert Kudlawiec, PBS Coals, Inc.

- ★ *The Sarah Project* by Jim Hickman, PBS Coals, Inc.
- ★ *Ground Control Analysis and Design: American Energy Corporation, Century Slope* by Dr. John Stankus, Keystone Mining Services, LLC
- ★ *Reverse Osmosis* by Scott Rasmussen, CONSOL Energy Inc.

**4:00 to 5:00 pm Student Career Fair**  
Session Chairs: Heather Dougherty, NIOSH; Russell Hardy, CONSOL Energy Inc.; Nicole Iannacchione, GAI Consultants

**4:00 to 6:00 pm PCMIA Reception**  
Hilton Garden Inn foyer

**Friday - October 28, 2011**

**7:15 to 8:30 am Registration**

**8:00 am Exhibits Open**

**8:30 to 9:15 am Opening Session:**  
Moderator: Heather Trexler, UniversalPegasus International and PCMIA President

**Keynote Address: *Building a Bridge to Our Next Generation of Mining Professionals*** by John N. Murphy, University of Pittsburgh and SME President

**9:15 to 10:00 am SME Awards Presentation** by Peter G. Vaughan, Chairman, SME - Pittsburgh Section

**PCMIA RECEPTION**  
**Thursday, October 27, 2011**  
**4:00 to 6:00 p.m.**  
**Hilton Garden Inn foyer**  
**Drinks & hors d'oeuvres will be served**

**SME SILENT AUCTION**  
**Thursday, October 27, 2011**  
**Bidding ends at 2:00 pm**

**DONATIONS NEEDED**  
**Contact Susan Bealko**  
**412.386.6720**  
**sbealko@cdc.gov**

**Friday - October 28, 2011  
continued**

**10:00 am to 12:30 pm**  
**Technical Session 4: Miner Act Plus 5 Years**  
Session Chairs: Michael Trevits, NIOSH and Edward Zeglen, Alpha Natural Resources

- ★ *MINER Act Plus 5 Years Panel Discussion*  
Moderator: Dr. R. Larry Grayson, Pennsylvania State University
- ★ *Draeger's Remote Gas Detection System* by Joseph Schuck, Draeger Safety, Inc.
- ★ *Carbon Monoxide: The Silent Killer* by Cameron Bucek, Masimo Corporation

**12:30 to 1:30 pm SME Luncheon**  
Moderator: Peter G. Vaughan, Hatch Mott MacDonald and Chairman, SME - Pittsburgh Section

**1:30 to 2:00 pm SME Pittsburgh Section Business Meeting**  
Peter G. Vaughan, Chairman, SME - Pittsburgh Section

**PDH OPPORTUNITY**

To maintain, improve and expand the skills and knowledge of a licensee's professional practice, Professional Development Hours can be earned based on attendance at this event.

Thursday attendance = 8 PDH  
Friday attendance = 4 PDH  
**Total 2-day attendance = 12 PDH**

Based on the PA State Registration Board for Professional Engineers, Land Surveyors and Geologists requirements (Act 25), each licensee is required to obtain twenty-four [24] PDH units during the biennial renewal period.

**ADVANCE REGISTRATION  
MUST BE RECEIVED BY  
OCTOBER 14, 2011**

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

**2011 SME/PCMIA JOINT MEETING**  
**October 27-28, 2011 - Hilton Garden Inn - Southpointe, Canonsburg, PA**

No.	Per Person	Total
	\$125.00	
	\$70.00	
<b>TOTAL AMOUNT DUE:</b>		

**NOTE:** 50% discount on the registration prices for retired seniors  
Add \$10 per attendee if registering after October 14, 2011

Registration: Two Day Session  
Registration: One Day **Circle One** Thursday Friday

Hilton Garden Inn-Southpointe is holding a block of guest rooms at special rates. When booking, be sure to mention SME/PCMIA event. Phone 724.743.5000 for reservations.

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

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