



2012 Technical Sessions

Technical Session I; Time: 3.30 to 6.00 pm, Tuesday, August 21, 2012

Session Chair: Prof. Manoj K. Mohanty, SIU Carbondale

1. *"Energy Research-Technological and Scientific Barriers and Opportunities"*
Dr. Tomasz Wiltowski; SIU
2. *"The Great American Coal Mining Industry"*
Mr. Bill Reid, Coal News, Bluefield, WV
3. *"Stacksizer™ for the Coal Industry"*
Mr. Paul Brodzik and Dr. Baojie Zhang; Derrick Corporation, Buffalo, NY
4. *"Analysis and Measurement of Ground Control Stability in Setup Rooms and Gate Roads in an Illinois Longwall Operation"*
Dr. Y.Paul Chugh, Mr. Harrold Gurley, Mr. Behrooz Abbasi, Mr. Subhash Bastola and Mr. Corbin Carlton; SIU
5. *"Construction Aggregate Mining Attitude: Then and Now"*
Mr. Gordon M. Stevens, Patrick Engineering and Mr. Joe McGuire, Cessford Construction
6. *"The Need to Backfill in Coal Mines"*
Dr. Sam Spearing; SIU

Technical Session II; Time: 1.30 to 4.00 pm, Wednesday, August 22, 2012

Session Chair: Mr. Dennis Conner, Joy Global Inc.

1. *"Analysis of Floor Stability in the Illinois Basin Coal Mines "*
Dr. Murali Gadde; Peabody Energy
2. *"Wettability Studies: A Tool to Project Dust Control Issues and Develop Engineering Controls in Coal Mining"*
Dr. Kanchan Mondal, Dr. Y.Paul Chugh, Mr. V. Kollipara and Ms. D. Relangi , SIU
3. *"Aggregate and Industrial Minerals Mine Permitting: A Multidisciplinary Approach"*
Mr. Gordon M. Stevens, Patrick Engineering
4. *"Identifying Optimal Mining Sequences for Continuous Miners"*
Dr. Joseph C. Hirschi, ICCI
5. *"The Impact of Technologies in Mining"*
Mr. Terry Vance, Caterpillar Inc.
6. *"Dry Cleaning of High Sulfur Coal: A Case Study "*
Dr. B.K. Parekh, FGX SepTech LLC; Mr. Ron Tschantz, Imperial Technologies; Mr. Joey Pilcher, Eagle River Mining