CALL FOR PAPERS

ABSTRACTS DUE AUGUST 1, 2015

THIRTY - SECOND ANNUAL

COAL - ENERGY, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

October 5 - 8, 2015
Pittsburgh, PA USA
The David L. Lawrence Convention Center

Hosted By:
University of Pittsburgh
Swanson School of Engineering
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<th>PROGRAM</th>
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| 1. Gasification Technologies| • Industrial Applications, Economics, and Environmental Issues  
• Underground Coal Gasification (UGC)  
• Synthesis Gas Cleanup  
• Gasification Science and Modeling  
• Novel Gasification Technologies and Concepts  
• Co-Gasification of Coal and other Carbon-Based Fuels  
• Systems Analysis  
• Low Rank Coal Utilization  
• Reliability, Availability, and Maintainability (RAM) Improvements  
• Polygeneration                                                                 |
| 2. Clean Coal Demonstration and Commercial Projects| • Existing and planned clean coal major demonstrations (process and technology demonstrations, i.e. IGCC, SCPC, USC, SNG, CTL, Oxy-combustion, etc.)  
• Existing and planned clean coal commercial projects (fully integrated systems) and trends  
• Industrial scale and utility scale carbon capture and carbon storage projects (i.e., >250,000 tons/year of CO₂)  
• Lessons learned from technology demonstrations and first commercial deployments  
• Intermediate scale demonstrations (i.e., 25-50 MWe)  
• Commercially available technology reviews/updates (Vendor reports on advanced technology commercial offerings)  
• Financing, business and risk management strategies for major demonstration and commercial projects, including first-of-a-kind projects with or without carbon capture and storage  
• Regulatory impacts on major demonstration and commercial projects  
• Insurance strategies for CO₂ capture and geologic storage                                                                 |
| 3. Combustion Technologies | • Industrial Applications and Environmental Issues  
• Flue Gas Clean Up and Ash Chemistry  
• Combustion Technology Advancements (Pulverized Coal, Fluidized Beds, Co-Firing etc.)  
• Novel Combustion and Cycle Technologies (Oxyfuel, Chemical Looping, CO₂ Cycles etc.)  
• Modeling and Economic Evaluation  
• Basic Studies, Materials, and Instrumentation                                                                 |
| 4. Clean Coal and Gas to Fuels| • Coal-To-Liquid Fuels, CTL (Direct Liquefaction, Fischer-Tropsch, MTG, DME, etc)  
• Gas-To-Liquid, GTL  
• Substitute Natural Gas (SNG)  
• Hydrogen Production  
• Syngas to Power (Gas Turbines, Fuel Cells)  
• Syngas to Chemicals/Materials                                                                 |
| 5. Sustainability and Environment | • Energy Production and Water Use - Conservation and Recycle  
• Life Cycle Analysis (LCA) of Energy Production Systems  
• Energy Production Impact on the Environment  
• Energy Sustainability - Efficiency and Conversion to Reduce GHG  
• GHG: Inventory Protocol, Legal and Regulatory Considerations, Credits                                                                 |
| 6. Carbon Management       | • Pre-Combustion Capture  
• Post-Combustion Capture  
• CO₂ Sequestration (Monitoring, Mitigation, and Verification; Storage: Depleted Oil/Gas Reservoirs, Aquifers, Basalt, Coal Bed Methane, etc.)  
• Transportation Infrastructure and Issues  
• Legal and Regulatory Issues  
• Carbon Footprint Comparison: CTX (DCL/ICL), Petroleum                                                                 |
| 7. Coal Science            | • Chemistry  
• Geoscience/Coal Resources  
• Trace Elements/Emission  
• Coal Processing  
• Coal Preparation  
• Coal Utilization  
• Coal Utilization By-Products (Ash, Fertilizers, Etc.)  
• Rare Earth Elements in Fossil Fuel Derived Solids and Liquids                                                                 |
| 8. Coal Mining             | • Coal Seam and Coal Mine Methane/Gas Management in Coal Mines  
• Geological Issues Related to Coal Mining/Properties of Coal-Measure Rocks/ Ground Behavior  
• Coal Mining and Reclamation  
• Mine Safety                                                                 |
| 9. Coal Bed and Shale Gas  | • Geology  
• Exploration  
• Resources and Reserves  
• Drilling and Production  
• Completion Methods  
• Gas Quality and Processing  
• Environmental Impacts  
• Abating Methane Emissions from Gas and Coal Production                                                                 |
| 10. U.S. EPA’s Coalbed Methane Outreach Program (CMOP) | Coal Mine Methane Conference Track  
• U.S. and global mine methane resources, including underground and surface mine methane and abandoned mine methane  
• Legal and regulatory developments impacting the U.S. and global coal industries and CMM projects  
• Technology development and practice for mine gas management  
• Best practices for coal mine methane recovery and use  
• Markets for CMM  
• Project development, economics and finance  
• Successful integration of methane capture and use with mine operations  
• Critical barriers to CMM project development  
• Ventilation Air Methane (VAM) destruction or use  
• Methane recovery from mining operations other than coal mines  
• U.S. and international case studies  
• Other topics relating directly to management of mine gas                                                                 |

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CONSONL Energy Inc., USA
SUBMISSION OF ABSTRACTS

Papers may be submitted in all subject areas dealing with coal technologies and related policy issues.

To qualify for acceptance, please email a one-page abstract on or before August 1, 2015 to ipcc@pitt.edu. Please find a template on our website www.pccpitt.org.

The abstract must include sufficient content and information for adequate evaluation by the International Pittsburgh Coal Conference Program Committee. The Program Committee reserves the right to accept, place on a waiting list, or reject any paper.

NOTIFICATION OF ACCEPTANCE

By July 2015, the Program Committee will inform the submitting author of the paper’s status. If a paper is accepted, an original copy of the manuscript in PDF format, sent by e-mail, is due in the Conference Office on or before August 31, 2015.

PROCEEDINGS

The Thirty-Second Annual International Pittsburgh Coal Conference Proceedings will be published in a CD-ROM format which will be mailed after the conference. For a paper to be included in the Conference Proceedings, your paid registration and complete manuscript in English, must be sent by e-mail to the conference office prior to the conference.

ORAL PRESENTATION

Each author is allowed 20 minutes including a 5 minute discussion period. The Conference will provide computers and projectors for PowerPoint presentations. Video and other equipment may be rented by the Conference at the speaker’s expense.

POSTER PRESENTATION

Interactive poster sessions will be scheduled on Wednesday, October 7, 2015. The Conference will provide the poster boards and easels for presentation setup.

REGISTRATION

Conference registration information, including our online registration form, can be found on our website. We accept credit cards online, checks, wire transfers, or cash.

Registration Rates for 2015:

Early Registration (Before July 31, 2015)
Presenters, Board Members, Vice Chairs - $700
General Public - $800
One Day Registration: $450
Student: $350

After July 31, 2015
Presenters, Board Members, Vice Chairs - $850
General Public - $850
One Day Registration: $450
Student: $350

HOTEL ACCOMMODATIONS

The Westin Hotel
1000 Penn Avenue
Pittsburgh, PA 15222
1-800-WESTIN1 (937-8461) or +1(412)281-3700

Accommodations will be in the Westin Hotel and Convention Center which is directly connected to the David L. Lawrence Convention Center by skywalk. The Westin is 19 miles from the Pittsburgh International Airport and is easily accessible by taxi, limousine, rental car, or commercial shuttle service. A block of rooms will be reserved at a special rate ($182 single or double room) for all participants. To receive the discounted rate, please use the direct hotel link found on our website. Hotel reservations must be made by September 11, 2015 to receive the PCC group discount.

A NOTE TO AUTHORS

The Pittsburgh Coal Conference does not provide financial support to contributing authors. Benefits from participation include the privilege of presenting a paper at this Conference and publication of the paper in the Conference Proceedings for worldwide distribution.

For more information or to be added to our mailing list, please contact us:
Thirty-Second Annual International
PITTSBURGH COAL CONFERENCE
October 5 - 8, 2015

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KEY CONFERENCE DATES

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<tr>
<td>Author Notification</td>
<td>July 2015</td>
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<td>Preliminary Program</td>
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DATED MATERIAL!