

## **2011 Outstanding Paper and Poster Awards**

### **Outstanding Technical Paper**

*“Overview of the Kemper County and TMEP IGCC Projects Using Transport Integrated Gasification (TRIG™)”*

Randall E. Rush, Tim Pinkston, Matt Nelson, Guohai Liu, Southern Company, USA

### **Honorable Mention Technical Paper**

*“Fine Structure Evaluation of the Pair Correlation Function with Molecular Slice Models of the Argonne Premium Coals”*

Fidel Castro-Marcano, Jonathan P. Mathews, The Pennsylvania State University;  
Randall E. Winans, Peter Chupas, Karena Chapman, Argonne National Laboratory;  
Joseph M. Calo, Brown University, USA

### **Honorable Mention Technical Paper**

*“Rapid Coal Pyrolysis to Acetylene in Multi-Stage Thermal Plasma Reactor”*

Yi Cheng, Binhang Yan, Yong Jin, Tsinghua University; Cliff Y. Guo, Xuan Li,  
Changning Wu, National Institute of Clean-and-low-carbon Energy, CHINA

**Outstanding Poster**

*“Morphologies, X-ray Parameters, and Burnout Comparisons of Inertinite-Rich and Vitrinite-Rich South African Bituminous Coal Derived Chars”*

Enette Louw, Gareth D. Mitchell, Jonathan P. Mathews, The Pennsylvania State University, USA

**Honorable Mention Poster**

*“New Technologies for Monitoring UCG”*

R. J. Mellors, X. Yang, S. Hunter, J. Wagoner, W. Foxall, D. Camp, S. J. Friedmann, Lawrence Livermore National Laboratory, USA

**Honorable Mention Poster**

*“Modeling CO<sub>2</sub> Adsorption in Micro- and Mesoporous Carbons”*

Yangyang Liu, Jennifer Wilcox, Stanford University, USA