2005 Carbon Capture & Sequestration Accepted Papers For Advanced Concepts - Biomass Offsets

File No.	Date/Time	Title	Author(s)	Topic Area
225	5-04-05 2:30	Co-Firing Biomass Fuels with Coal and the Potential Impact on Terrestrial Sequestration	John Kadyszewski, Aaron Dushku, Nick Martin, Tim Pearson, and Sandra Brown	**Advanced Concepts - Biomass Offsets**
77	5-04-05 2:50	Cost-Competitive, Low-GHG-Emitting Synthetic Liquid Fuels via Coordinated Energy Production with CO_2 Capture and Storage from Coal and Biomass	Robert H. Williams	**Advanced Concepts - Biomass Offsets**
80	5-04-05 3:10	Gasification-Based Liquid Fuels and Electricity from Biomass with Carbon Capture	Eric D. Larson, Haiming Jin Robert H. Williams, Fuat E. Celik	**Advanced Concepts - Biomass Offsets**

MONITOR EXCHANGE PUBLICATIONS & FORUMS

2005 Carbon Capture & Sequestration Accepted Papers For Advanced Conversion/Capture Concepts

File No.	Date/Time	Title	Author(s)	Topic Area
83	5-04-05 1:30	Exploring the Potential to Enhance Aqueous Olivine Carbonation Reactivity, while Avoiding the Cost of Mineral Pretreatment Activation	Michael J. McKelvy, Andrew V.G. Chizmeshya, Kyle Squires, Kringan Saha, Hamdallah Béarat, Firas Alawneh, R.W. Carpenter, and Youngchul Kim	Advanced Conversion/Capture Concepts
29	5-04-05 1:50	Accelerated cation release during non-steady state dissolution of Mg-silicates: Implications for mine tailings and sequestration of CO_2	James Thom, Greg Dipple	Advanced Conversion/Capture Concepts
4	5-04-05 2:10	CO_2 Mineralization Using Calcium Silicate Technology	Yixin Shao*, Sean Monkman and Arthur Zhou	Advanced Conversion/Capture Concepts
99	5-04-05 2:30	Carbon Dioxide Sequestration in Cement Kiln Dust	Deborah N. Beach, John S. Gierke, and Jennifer Numrich	Advanced Conversion/Capture Concepts
185	5-04-05 2:50	Sequestration of CO2 in Combustion Byproduct-Augmented Brine Solutions	R. M. Dilmore, Y. Soong, S. W. Hedges, and P.J. Pique	Advanced Conversion/Capture Concepts
125	5-04-05 3:10	Material Resource Considerations for Ex Situ Carbon Sequestration	S. J. Gerdemann, D. C. Dahlin, W. K. O'Connor, L. R. Penner, and H. Rush	Advanced Conversion/Capture Concepts

MONITOR EXCHANGE PUBLICATIONS & FORUMS

2005 Carbon Capture & Sequestration Accepted Papers For
Capture and Separation - Oxyfuel Combustion

File No.	Date/Time	Title	Author(s)	Topic Area
188	5-03-05 4:00	Decarbonized Electricity Production from Coal by Means of Oxygen Transport Membranes	M. Romano, S. Napoletano, P. Chiesa and S. Consonni	Capture and Separation - Oxyfuel Combustion
228	5-03-05 4:20	CO2 Compression Units for Oxy-Fuel Combustion	Kourosh E. Zanganeh, Ahmed Shafeen, Carlos Salvador, Murlidhar Gupta, and Bill Pearson	Capture and Separation - Oxyfuel Combustion
5	5-03-05 4:40	Performance Simulation and Cost Assessment of Oxy-Combustion Process for CO2 Capture from Coal-Fired Power Plants	Rajani K Varagani, Fabienne Châtel-Pélage, Pavol Pranda, Hamid Farzan, Stanley J. Vecci, Massoud Rostam-Abadi, Yongqi Lu, Arun C. Bose	Capture and Separation - Oxyfuel Combustion
26	5-03-05 5:00	The Potential for Clean Energy Production Using Oxy-Fuel Combustion and Integrated Pollutant Removal	Thomas Ochs, Danylo Oryshchyn, Thomas Weber, Cathy Summers	Capture and Separation - Oxyfuel Combustion
138	5-03-05 5:20	IMPROVEMENT OF NI BASED OXYGEN CARRIERS FOR CHEMICAL LOOPING COMBUSTION	Juan Adánez, F. García-Labiano, P. Gayán,J. Celaya, A. Abad	Capture and Separation - Oxyfuel Combustion
215	5-03-05 5:40	Advanced Oxy-fuel Boilers for Cost-Effective CO2 Capture	G. Maxwell Christie, Bart van Hassel, Juan Li and Leonard Switzer	Capture and Separation - Oxyfuel Combustion
243	5-03-05 6:00	A comparison of Oxygen Supply Systems for Combustion Applications	Bart VanHassel, Juan Li, John Sirman	Capture and Separation - Oxyfuel Combustion

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2005 Carbon Capture & Sequestration Accepted Papers For
Capture and Separation - Sorbents 1

File No.	Date/Time	Title	Author(s)	Topic Area
129	5-03-05 1:30	Pilot Plant Testing of Aqueous Piperazine and Potassium Carbonate for CO2	Eric Chen, Gary Rochelle, Babatunde Oyenekan	Capture and Separation - Sorbents 1
113	5-03-05 1:50	Development of Na and K-Based Sorbents for CO2 Capture from Flue Gas	Chong Kul Ryu, Joong Beom Lee, Tae Hyoung Eom, Je Myung Oh, Chang Keun Yi	Capture and Separation - Sorbents 1
74	5-03-05 2:10	Energy Integrated CO_2 Capture	L. E. Hakka, John Sarlis, Karl Stephenne	Capture and Separation - Sorbents 1
38	5-03-05 2:30	Integrating Monoethanolamine (MEA) Regeneration with CO_2 Compression to Reduce CO_2 Capture Costs	Kevin S. Fisher, Majeed Jassim, Gary T. Rochelle, Carrie Beitler, Curtis Rueter, Katherine Searcy, José D. Figueroa	Capture and Separation - Sorbents 1
239	5-03-05 2:50	Temperature effect on the capture of carbon dioxide by immobilized amine sorbents	M. L. Gray, D. J. Fauth, Y. Soong, K. J. Champagne, H. Pennline, J. P. Baltrus, T. Filburn	Capture and Separation - Sorbents 1
128	5-03-05 3:10	CO2 Capture: Enzyme vs. Amine	Michael C. Trachtenberg, Lihong Bao	Capture and Separation - Sorbents 1

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2005 Carbon Capture & Sequestration Accepted Papers For
Capture and Separation – Sorbents 2

File No.	Date/Time	Title	Author(s)	Topic Area
24*	5-04-05 10:30	CO_2 capture by anti-sublimation Thermo-economic process evaluation	D. Clodic, R. El Hitti, M. Younes, Alain Bill & François Casier	Capture and Separation - Sorbents 2
67	5-04-05 10:50	Dry Regenerable Carbonate Sorbents for Capture of Carbon Dioxide from Flue Gas	David Coker, David A. Green, Raghubir P. Gupta, Thomas O. Nelson, Jeffrey W. Portzer, José D. Figueroa	Capture and Separation - Sorbents 2
103	5-04-05 11:10	Feasibility Test for CO2 Capture by Dry sorbents in Two Fluidized Bed Reactors	Chang Keun Yi, S.H. Jo, Y.W. Seo, S.D. Park, K.H. Moon, J.S. Yoo, J.B. Lee, C.K. Ryu	Capture and Separation - Sorbents 2
127	5-04-05 11:30	Enzymatically Driven, Cost-Efficient, Capture of Flue Gas CO2	Michael C. Trachtenberg, Lihong Bao, David A. Smith, Stefanie L. Goldman, Xioqiu Wu	Capture and Separation - Sorbents 2
192	5-04-05 11:50	CO2 Capture Utilizing Solid Sorbents	Ranjani Siriwardane and Edward Fisher	Capture and Separation - Sorbents 2
199*	5-04-05 12:10	New Soluble N-Substituted Polybenzimidazoles by Post-Polymerization Modification	John R. Klaehn, Thomas A. Luther, Christopher J. Orme, Michael G. Jones, Alan K. Wertsching, and Eric S. Peterson, Jennifer S. Young, Kathryn A. Berchtold, Alan R. Greenberg, Vivek Khare, Jim Acquaviva, Frank Onorato, Scott Hopkins, and Pall Corporation	Capture and Separation - Sorbents 2

*Author Acceptance Pending on Abstract

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