SECOND ANNUAL CONFERENCE ON CARBON SEQUESTRATION
DEVELOPING & VALIDATING THE TECHNOLOGY BASE
TO REDUCE CARBON INTENSITY

Breakthrough Concepts - Group I

An Innovative Approach for Screening Marine Microalgae for Maximum Flue Gas CO2 Biofixation Potential - *Michael Huesemann (Pacific Northwest National Laboratory), Richard Bartha, Tom Hausmann, John R. Benemann

Accelerating the Rate of Mineral Carbonation - *S. J. Gerdemann (Albany Research Ctr), D. C. Dahlin, W. K. O'Connor L. R. Penner

Bioconversion of Carbon Dioxide in Power Plant Stack Gases to Achieve Cost-effective Carbon Sequestration - *Rakesh Govind (Univ. of Cincinnati), Rajit Singh

Evaluation of Southern Quebec (Canada) mine residues of Serpentine for CO2 Sequestration by Mineral Carbonation; Preliminary Results - * Francois Huot (Geo-Conseils TB), Georges Beaudoin, Rejean Hebert, Marc Constantin, Gilles Bonin, Greg M. Dipple (***Paper Unavailable)***

Selection of Optimal Microalgae Species for CO2 Sequestration - * Eiichi Ono (Univ. of Arizona), Joel L. Cuello

Breakthrough Concepts - Group II

Geochemical Mechanisms of Serpentine and Olivine Carbonation - *George D. Guthrie (LANL), , J. William Carey,Peter C. Lichtner, Elias P. Rosen, Hans J. Ziock

Basalt, Carbonate Mineralization, and CO2 Sequestration - *Stephen Reidel (Pacific Northwest Nat'l Lab.), Vernon Johnson, Frank Spane, Anita Ho, Peter McGrail, Todd Schaef (***Paper Unavailable)***

Using CaO- and MgO-rich Industrial Waste Streams for Carbon Sequestration - *Joshuah Stolaroff (Carnegie Mellon), David Keith, Greg Lowry

Capture of Carbon Dioxide from Flue Gas Using a Cyclic Alkali Carbonate-based Process - *David A. Green (Research Triangle Institute), Raghubir P. Gupta, Brian S. Turk, William J. McMichael, Jeffrey W. Portzer, Douglas P. Harrison (***Paper Unavailable)***

Carbonation of Calcium and Magnesium Silicates for Safe and Permanent CO2 Sequestration-*James Blencoe, ORNL), Lawrence Anovitz, Donald Palmer, James Beard