

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

**3-D**  
**CASE STUDIES AND SYSTEMS ANALYSIS**

**Chair: Edward Rubin, Carnegie Mellon**

- 10:30 - 10:50 *The Future of Coal in a Carbon Constrained World: Implications of Carbon Capture and Storage Technologies* - \*H. J. Herzog (MIT), J. R. McFarland, P. F. Cossa, H. D. Jacoby
- 10:50 - 11:10 *Experience with a Corporate-wide Energy and Greenhouse Gas Inventory System* - \*Susann Nordrum (Chevron/Texaco), Arthur Lee
- 11:10 - 11:30 *Co-Production of Hydrogen, Electricity and CO<sub>2</sub> from Coal using Commercially-ready Technology* - \*Thomas G. Kreutz (Princeton), Paolo Chiesa, Stefano Consonni, Robert H. Williams
- 11:30 - 11:50 *Co-Production of Hydrogen and Electricity from Fossil Fuels with CO<sub>2</sub> Capture* - \*Robert H. Socolow (Princeton), Thomas G. Kreutz, Robert H. Williams, Stefano Consonni, Paolo Chiesa
- 11:50 - 12:10 *Conceptual Design of Optimized Fossil Hydrogen Energy Systems with Capture and Sequestration of Carbon Dioxide* - \*Joan M. Ogden (Princeton Environmental Inst), Elizabeth Kaijuka, Wei Wang
- 12:10 - 12:30 *Controlling Fossil Power Plant CO<sub>2</sub> Emissions: Near-term and Long-range Views* - \*John L. Marion (ALSTON Power Inc), Carl Bozzuto, Herb Andrus, Michael McCartney, Sven Gunnar Sundkvist, Timothy Griffin

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