

## 2012 Energy Storage Symposium Agenda

Wednesday, May 2 – Thursday, May 3, 2012  
Columbia University, Earl Hall, 2980 Broadway, New York, NY 10027

### Day 1 9:00 am – 5:00 pm

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8:30 am Registration and Coffee Service

9:00 am **Welcome and Introduction**, Klaus Lackner, Columbia University

9:20 am **Talk 1: Renewable Energy Conversion and Storage Overview**

Mogens Mogensen, Department of Energy Conversion and Storage, Technical University of Denmark

10:00 am **Talk 2: Grid-level Electricity Storage and Markets**

Jay Apt, Carnegie-Mellon University

10:40 am *Respondents' discussion led by Vijay Modi, Columbia University*

11:30 am **Break for lunch.** See Meal Options handout for nearby recommendations.

1:00 pm **Talk 3: Long-Term Transformation of Transportation**

Bob van der Zwaan, Energy Research Centre of the Netherlands

1:40 pm **Talk 4: Storing Electricity Using Cryogenic Technology in a UK Policy Context**

Tim Fox, Institution of Mechanical Engineers

2:20 pm **Talk 5: Scaled Electrochemical Cells for Scaled Stationary Energy Storage: A Case Study**

Jay Whitacre, Carnegie-Mellon University

3:00 pm *Respondents' discussion led by Ah-Hyung (Alissa) Park, Columbia University*

4:00 pm Poster Session and close of day

### Day 2 9:00 am – 12:00 pm

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8:30 am Registration and Coffee Service

9:00 am **Welcome and Recap of Day 1**, Klaus Lackner, Columbia University

9:10 am **Talk 6: Electro-chemical Storage**

Sanjoy Banerjee, City University of New York

10:00 am **Panel: Electricity Generation and Storage in the State of New York Compared to Denmark**

Moderator: Robert Curry, Public Service Commissioner, State of New York

Guy Sliker, New York Power Authority

John Bøggild Hansen, Haldor Topsøe A/S

Mark Torpey, New York State Energy Research and Development Authority

Aubrey Braz, ConEdison

11:30 am **Discussion and Closing**, Klaus Lackner, Columbia University