



A joint meeting with the Geological Society and AAPG

Carbon Capture & Storage

22nd – 23rd November 2011

Programme

22 nd November 2011	
09.00	Registration & coffee
09.30	Welcome Address Bryan Lovell, Geological Society/University of Cambridge & Dave Cook, AAPG
Session 1: Context for capture & storage	
09.45	Size of the problem Stuart Haszeldine, University of Edinburgh
10.15	CO₂ capture Peter Styring, University of Sheffield
10.45	Tea & coffee
11.05	CO₂ sequestration Mercedese Maroto-Valer, University of Nottingham
11.35	Industry, clustering & transport Dermot Roddy, University of Newcastle
12.05	Discussion
13.00	Lunch (provided for all delegates)
Session 2: Capacity / Containment	
14.00	Static CO₂ storage capacity estimation Sam Holloway, BGS
14.20	Discussion
14.30	Estimating dynamic CO₂ capacity of UKCS Deep Saline Aquifers Eugene Balbinski, RPS
14.50	Discussion
15.00	The impact of geological structure on CO₂ storage in the Bunter Sandstone, UK Kate Thatcher & Amy Clarke, University of Durham
15.20	Discussion
15.30	Tea & coffee

15.50	Geological CO₂ storage – how is CO₂ trapped? Martin Blunt, Imperial College London
16.10	Discussion
16.20	CO₂ EOR & storage in the North Sea: A developer's perspective James Lorsong, 2Co Energy Limited
16.40	Discussion
16.50	Limited sequestration of CO₂ in natural analogue quantified by stepwise C & O stable isotope extraction Niklas Heinemann, University of Edinburgh
17.10	Discussion & Day 1 summary Andy Woods, University of Cambridge
17.30	Close of day and drinks reception

23 rd November 2011	
08.30	Registration & coffee
09.00	Welcome Address Jon Gluyas, University of Durham
Session 3: Containment / Integrity / Injectivity	
09.10	Evaluating the structural integrity of fault-bound traps for CO₂ storage Graham Yielding, Badley Geoscience Ltd
09.30	Discussion
9.40	Structural Uncertainty: Why it matters to Carbon Storage Gareth Johnson, Midland Valley
10.00	Discussion
10.10	Caprock and fault integrity: insights from experiments on Bunter and Rotliegend topseals
10.30	Discussion
10.40	Estimating injectivity for saline aquifers – The UKSAP method Simon Mathias, University of Durham
11.00	Discussion
11.10	Tea & coffee
11.30	Monitoring Bernd Wiese, Potsdam
11.50	Discussion
12.00	Muon Tomography Jon Gluyas, Durham University
12.20	Discussion

12.30	The framework for storage risks and risk assessment in geological storage Bill Senior, Senior CSS Solutions
12.50	Discussion
13.00	Lunch (provided for all delegates)
Session 4: Current projects	
14.00	CO₂ Management at ExxonMobil's LaBarge Field, Wyoming, USA Jim Herbertson, ExxonMobil
14.20	Discussion
14.30	Carbon capture and storage in the Cambrian and Ordovician Strata of the Illinois Basin, USA Hannes Leetaru, Illinois State Geological Survey
14.50	Discussion
15.00	Learning by doing: CSS in Australia Peter Cook, CO2CRC/University of Melbourne
15.20	Discussion
15.30	Injectivity and storage update on the DOE-NETL Central Appalachia Southwest Virginia coal seam injection project for SECARB Partnership Steve Carpenter, Advanced Resources International
15.50	Discussion & conference summary Max Coleman, NASA Jet Propulsion Laboratory
16.20	Tea & coffee
Session 5: CCS debate from 16.50	

Poster programme

Preliminary evaluation of offshore transport and storage of CO₂ Steve Carpenter, Advanced Resources International
Prospects for aquifer CO₂ storage in the Bunter Sandstone domes, UK Southern North Sea John Williams, British Geological Survey
CO₂ storage potential in reservoir – aquifer of Daqing Oil Field, Northeast China Rongshu Zeng, Institute of Geology and Geophysics
A case study on CO₂ EOR and storage potential in Shengli Oil Field, Jiyang Depression, China Shu Wang, Institute of Geology and Geophysics