

CO₂QUEST

Communication and Exploitation Event

**REGISTRATION
NOW
OPEN**



The Heletz deep-well CO₂ injection facility (EWRE, Israel)

The European Commission funded CO₂QUEST FP7 project consortium is delighted to announce that it is organising a 1-day Communication and Exploitation event presenting some of the project's major achievements.

Topics will cover the description and examples of the insight gained from its recently constructed world-class CCS experimental and pilot-scale testing facilities and the state-of-the-art computer simulation models on different aspects of the CCS chain.

This by invitation only event is a key component in ensuring that the recent project's advances are disseminated and fully exploited so that CCS technology can be deployed at an accelerated rate. The forum also provides an excellent networking opportunity with leading industry stakeholders, academics and legislative organisations to promote future collaboration. The event program is given on the next page.

Registration

To register as a participant please visit the event website. Registration is **free** and includes lunch. For more information, please contact Dr. Richard Porter (r.t.j.porter@ucl.ac.uk).



DATE

Friday 20th of May 2016

TIME

10:30 — 16:45

VENUE

G08 Sir David Davies LT
Roberts Building
Torrington Place
UCL, London, UK

REGISTRATION DEADLINE

Tuesday 10th of May 2016

BOOK YOUR PLACE HERE

<http://www.eventbrite.com/e/co2quest-communication-and-exploitation-event-tickets-22784885205>



The large scale fully instrumented CO₂ pipeline rupture test unit (Dalian, China)

CO₂QUEST Communication and Exploitation Event

UCL 20 May 2016

10:30 – 11:00 Coffee and Arrival

11:00 – 11:20 Welcome and Introduction to the CO₂QUEST Project

(Prof. Haroun Mahgerefteh)

1. Field Test Facilities

1.1 CO₂ Pipeline Transportation

11:20 – 11:45 The Large-scale CO₂ Pipeline Rupture Test Facility in Dalian, China

(Dr. Shaoyun “Richard” Chen, *Dalian University of Technology*)

11:45 – 12:10 The Medium-scale CO₂ Pipeline Rupture and Dispersion Test Facilities, INERIS

(Dr. Regis Farret, *INERIS*)

12:10 – 12:25 CO₂/Impurities Transport Property Measurement, France

(Dr. Jerome Hebrard, *INERIS*)

12:25 – 12:50 Pipeline Material Characterisation Test Facilities at OCAS

(Dr. Reza H. Talemi, *ArcelorMittal Global R&D Ghent-OCAS*)

12:50 – 13:45 Lunch

1.2 CO₂ Sequestration

13:45 – 14:15 The Senonian Shallow Aquifer Injection CO₂ Experimental Testing Facilities at INERIS

(Dr. Regis Farret, *INERIS*)

14:15– 14:45 The Heletz Deep Well CO₂ Injection Facility, Israel

(Dr. Jacob Bensabat, *Environmental and Water Resources Engineering*)

2. CCS Simulation Software

14:45 – 15:05 Robust and Computationally Efficient Equation of State for CO₂ Mixtures

(Prof. Ioannis G. Economou, *NCSR Demokritos*)

15:05 – 15:25 Near-field Dispersion Modelling

(Prof. Michael Fairweather, *University of Leeds*)

15:25 – 15:45 Process Simulation and Optimisation for Whole-Chain CCS

(Prof. Nilay Shah/Dr Niall Mac Dowell, *Imperial College London*)

15:45 – 16:00 Tea and coffee

16:00 – 16:45 Discussion