

Chemical Engineering Seminars – MT 2011

*Week 6, Tuesday November 15th 2011, 4:00PM-5:00PM
Lecture Room 3, Thom Building, Engineering Science*

Carbon capture technology and Calcium looping

Dr Paul Fennell
Imperial College

Abstract

The talk will give an overview of Ca looping technology for decarbonisation of power plants, the advantages and disadvantages of the technology and where it fits in to the wider context of carbon capture and storage and electricity production, including recent advances from Dr Fennell's group.

Bio

Dr Fennell is the director of Imperial College's Centre for Carbon Capture and Storage. He also sits on the Institution of Chemical Engineers Energy Conversion subject panel, the International Energy Authority High-Temperature Solid Looping Cycles Network Executive, and has written reports for the Department for Energy and Climate Change (DECC) on future technologies for Carbon Capture and Storage (CCS) and carbon capture readiness. He has published 25 + papers since 2005, including a number of invited topical reviews. Dr Fennell also represented the UK CCS research community at the 2010 Cheltenham Science festival.