

100 Years and Beyond

Petroleum Geoscience and Engineering at Imperial College

DRAFT PROGRAMME

Monday 23rd September 2013	
08:30	Registration
09:00	Welcome: Howard Johnson (Imperial College)
09:05	Opening Address: Richard Hardman CBE (Past President of the Geological Society)
Session 1: Global Overview	
09:15	Lord Oxburgh Energy Trends In the 21 st Century
10.00	Lord Browne Beyond 2013: Clean Energy and its Future Role in the Energy Mix
10:30	Break
11.00	Scott Tinker (Bureau of Economic Geology, UT Austin) 21st Century Global Energy Mix
11:30	Ed Daniels (Shell) Technology for a Sustainable Energy Future
12.00	Mike Ala (Imperial College & Dominion Energy) Celebrating 100 Years of Petroleum Education at Imperial College
12:30	Lunch
Session 2: Exploration Trends	
13:30	Mike Daly (BP) Future Trends in Global Oil and Gas Exploration
14.00	Malcolm Brown (BG Group) Exploration & Production Developments in the South Atlantic
14:30	Tony Doré (Statoil) Unlocking Arctic Resources – New Realities and Long-Term Perspective
15.00	Break
Session 3: Exploration Technologies	
15:30	Bruce Levell (Shell) Future Geoscience Technologies for Unlocking Hard Resources
16.00	David Bamford (Windward Exploration) Geophysical Technologies that will Disrupt and Transform Exploration
16.30	End Day One
17:00	Switch (film) IMAX Theatre, Science Museum
19:30	Conference Dinner Earth Gallery, Natural History Museum with after dinner talk from Simon Winchester OBE

Tuesday 24th September 2013
Session 4: Development Trends

09:00	Dominique Marion (Total) Future Trends in Reservoir Management
09:30	Xu Dong Jing (Shell) Technology Trends & Needs In Enhanced Oil Recovery
10:00	Martin Blunt (Imperial College) Pore Systems & Future Trends In Reservoir Simulation
10:30	Break

Session 5: Development Technologies

11:00	Jan Dirk Jansen (TU Delft) Smart Fields: Model-Based Control and Optimization of Subsurface Flow
11:30	Geoff Maitland (Imperial College) Novel Production Methods & Maximising Recovery of Non-Conventional Hydrocarbons
12:00	Nigel Brandon (Imperial College) Developments In Long-Term Sustainable Energy
12:30	Lunch
13:30	Tristan Aspray (ExxonMobil) Unconventional Gas: Global Impact So Far, Challenges and Future Potential
14:00	Dick Selley (Imperial College) Perspectives on Future Development of Shale Gas In NW Europe
14:30	Joe Cartwright (Oxford University) Recent & Future Trends In Mudrocks
15:00	Break
15:30	Tina van de Flierdt (Imperial College) Drilling back in the future – Past stability of the East Antarctic ice sheet
16:00	Bryan Lovell (Past President of the Geological Society) Challenged by Carbon: The Oil Industry and Climate Change
16:30	Closing Remarks: Lidia Lonergan (Imperial College)
16.45	End of Day Two