

CONFERENCE PROGRAMME

Monday 10 July 2017			
08.30	Registration & tea, coffee [G41]		
09.00	Welcome Address		
Session a: Scene Setting and the Risk of Investing			
09.10	Setting the scene: Risks faced by the extractives sector value chain Richard Herrington, Natural History Museum		
09.30	Investing in oil and gas : a multitude of risks to be understood Iain Bartholomew, Siccar Point Energy		
09.50	The risk of investing : Mining Mick Oliver, NRG Capital Partners		
10.10	Panel Discussion		
10.30	Tea & coffee break		
Session b: Managing our waste for the long-term		Session c: Subsurface risk & Uncertainty	
11.00	Introduction: Dr Franco Oboni, Riskope	11.00	Introduction: Marc Bond & Benedikt Steiner
11.10	Managing our waste Colleen Crystal, Geo-logic	11.30	KEYNOTE: Risk and Uncertainty Peter Carragher, Rose & Associates
11.30	Case Study: Lessons Learned from FERC's Potential Failure Modes Analysis Process Dean Durkee, Gannett Fleming	12.10	Cognitive Pitfalls in E&P Decision Making Marc Bond, Rose & Associates
11.50	Panel Discussion		
12.30	Lunch		
Session b: Managing our waste for the long-term		Session c: Subsurface risk & Uncertainty	
13.30	Risk Based Decision Making/Risk informed decision making requires a disciplined approach Franco Oboni Riskope	13.30	Understanding Technical Risks in the Mining Industry Benedikt Steiner, Camborne School of Mines & Xplore Global
13.45	Mine Site Restoration – Risks and Opportunities Richard Howarth, Hargreaves Services	13.50	The Silver Bullet – That Wasn't Or How to 'Over-Risk' and Lose a Giant Norwegian Field John Ancock, InterGEOconsult
14.00	Evidence-based public perception? Environmental and social perception risks of potentially toxic elements in shale gas wastewater Izabella Otalega, University of Strathclyde	14.10	Using Risk Assessment Methods to Support Decision Making & Project Financing During the Development of Mining Edmund Sides, Orebody Risks
14.15	Reducing the environmental impact of hydraulic fracturing through design optimisation of hydraulic fracturing equipment Aleksander Josifovic, University of Strathclyde		

Managing Risks across the Mining and Oil & Gas Lifecycle

14.30	Discussion & Breakout	14.30	Tea & coffee break
15.00	Tea & coffee break		
<i>Breakout continued...</i>		Session c: Subsurface risk	
		14.50	Workflows for Managing Risk and Uncertainty in Mature Fields Mark Bentley, AGR TRACS International
		15.10	Risk Optimisation (a 'novel' approach for frontier exploration) Guy Loftas, K2V
15.45	<i>Present back from breakout</i>	15.30	Event-Based Risk Management Applied to Subsurface Risks in Oil & Gas Fields Craig Smalley, Imperial College London
16.15	PANEL: Samarco Tailings Dam disaster Harry Floyd, James Fryer, Charles Harcus & Darren Loftas, JLT Specialty	15.50	Technical Risk in Oil & Gas Exploration Projects: Pitfalls and a Pragmatist's Approach Nicholas Stronach, Gaffney, Cline & Associates
17.15	Summary	16.10	Panel discussion
17.30	Drinks Reception		

Tuesday 11 July 2017			
08.30	Tea & coffee		
Session d: Geoethics & risks above and beyond		Session c: Subsurface risk	
09.00	Introduction Louise Porteus	08.30	Breakout session introduction
09.10	Tax Governance & Transparency Tim Law, Engaged Consulting	08.45	Breakout session (All) <i>Key Subsurface Challenges and Best Practice Processes</i>
09.30	Managing Social Risk John Castner, Isometrix	10.45	Tea & coffee break
09.50	Understanding and Managing Societal Risk for Shale Gas Extraction (SGE) Chris Ford, University of Strathclyde	11.00	Breakout session presentations (All)
10.10	Questions Nic Bilham	12.00	Improved Actions to Improve Performance (All)
10.30	Tea & coffee CHALLENGE		
10.50	Breakout session		
11.50	Panel-led discussion + summary		
12.30	Lunch		
Session e: Planning for Success			
13.30	Introduction		
13.40	Mining – Zak Wood, Satarla		
14.00	Oil & Gas – Richard Oxlade, AGR		

14.20	Table + Panel Discussions	
14.30	Breakout Sessions	
	Risk Management in Unconventional Oil and Gas Tom Kelly, RSKW	Why do we get performance surprises in companies that seem to have good risk management processes? Craig Smalley, Imperial College London
	Adapting to Extreme Weather Events: Lowering Your Exposure to Risk and Saving Your Business Money Ollie de Boer, Satarla	Managing Social Risk Cecila Jofre, Isometix
	How should the environmental and social factors be accounted for in business decisions? Which valuation models should be used? When do we know when estimates are accurate enough? Livia Mello, University of British Columbia	Some challenges and solutions related to the assessment of mining project risks Ed Sides, Orebody Risks
	Tea & coffee break	
16.30	Breakout group feedback	
17.00	Summary	
17.30	Close of Day	

Wednesday 12 July 2017	
08.30	Tea & coffee
09.00	Welcome Address
09.05	Summary of Session A – The risk of investing
09.10	Summary of Session B – Managing our waste for the long-term
09.20	Summary of Session C – Subsurface risk
09.30	Summary of Session D – Geoethics
09.40	Summary of Session E – Planning for success
09.50	Recap for day and planned outcomes
Session f – (Human) Resourcing our future	
10.00	PANEL led by Prof Jan Cilliers. Guests: Michelle Klinkert; Chris Flavell
11.00	Tea & coffee break
Leaders' discussion #1	
11.00	PANEL discussion
12.30	Lunch
Leaders' discussion #2	
13.30	PANEL discussion
14.30	Summary and round-up

15.30

Urban Fieldtrips

- Natural History Museum *backstage tour*
- Building Stones around Piccadilly
- Geological Society