

SEG/EAGE WORKSHOP ON THE DELIBERATE SEARCH FOR STRATIGRAPHIC TRAPS: HAS IT COME OF AGE?

7–9 DECEMBER 2021

EAGE/SEG WORKSHOP

PROGRAMME

(VIRTUAL)

GULF STANDARD TIME

Schedule

10:00 - 03:00 HOURS	: US (CST)
04:00 - 09:00 HOURS	: LONDON
05:00 - 10:00 HOURS	: AMSTERDAM/BERLIN/ PARIS/OSLO
07:00 - 12:00 HOURS	: RIYADH/DOHA/ KUWAIT CITY/MOSCOW
08:00 - 13:00 HOURS	: UAE
09:30 - 14:30 HOURS	: NEW DEHLI
11:00 - 16:00 HOURS	: BANGKOK/JAKARTA
12:00 - 17:00 HOURS	: KUALA LUMPUR/ BEIJING/PERTH/SINGAPORE
13:00 - 18:00 HOURS	: TOKYO/SEOUL
14:00 - 19:00 HOURS	: BRISBANE

Committee

SANDEEP KUMAR CHANDOLA, PETRONAS - CO-CHAIR
 STAN STANBROOK, MURPHY OIL - CO-CHAIR
 BRIANNE ALLEYNE, PETRONAS
 DIANA ABDUL RAHMAN, EXXONMOBIL
 FIRMAN BUDI KURNIAWAN, PT PERTAMINA HULU MAHAKAM
 GARGI SEN, SCHLUMBERGER
 GILLIAN APPS, BUREAU OF ECONOMIC GEOLOGY
 IAN SAYERS, CGG
 JAN RINDSCHWENTER, INDEPENDENT
 KELLY PORET, PTTEP
 MUHAMMAD HANIF HAZIQ BIN MOHAMMAD, BEICIP-FRANLAB ASIA
 NAVPREET SINGH, CONOCOPHILLIPS
 RIJAL ANSHORI, BP INDONESIA
 SARVAGYA PARASHAR, HALLIBURTON

Tuesday, 7 December 2021

All sessions are in Gulf Standard Time

08:00 - 08:10	Welcome Message by Technical Committee Co-Chairs
08:10 - 08:20	Leadership Keynote Address by SEG Board & EAGE Board
08:20 - 08:50	Opening Speaker by Ian Longley
08:50 - 09:05	Speed Networking - 15 minutes
Session 1	REGIONAL PERSPECTIVE
	Session Chairs: Kelly Poret (PTTEP)
09:05 - 09:25	Deep-water stratigraphic to combination traps in conjugate transform margins: lessons from Ghana-CDI and Guyana-Suriname
	Bryan Cronin (Tullow, UK)
09:25 - 09:45	Exploring Stratigraphic Traps on Carbonate Platform Margins using Targeted Technology Workflow Applications
	Stanley Wharton (Subsurface Imaging)
09:45 - 10:05	Stratigraphic play in Sabah Deep water: Where do we Stand?
	Satyabrata Nayak (PETRONAS)
10:05 - 10:25	Moderated Discussion – 20 mins
10:25 - 10:40	Speed Networking - 15 minutes
Session 2	CASE STUDIES
	Session Chairs:
10:40 - 11:00	Case Study: North Sea Field
	Peter O'Mara (New European Offshore)
11:00 - 11:20	The sedimentology of detached offshore bars, Sarawak, Malaysia. Testing a stratigraphic play
	Nur Lydia Binti Zainal (PETRONAS Carigali Sdn. Bhd.)
11:20 - 11:40	Developing Near Field Stratigraphic Trap in Matured Producing Field
	Aini Ashiqin Mohd. Mokhdhari & Sharon Khor Suying (ExxonMobil)
11:40 - 12:00	Expect the Unexpected: Lessons from Case Studies in Subtle Stratigraphic Traps
	Duncan Barr (Sedigon Consultants LLC)
12:00 - 12:20	Moderated Discussion – 20 mins
12:20 - 13:20	Post-Event Speed Networking

Wednesday, 8 December 2021

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Session 3	EXPLORATION EFFORT AND RISKING BEST PRACTICE
	Session Chairs: Ian Sayers, CGG and Stan Stanbrook, Murphy Oil
08:00 - 08:20	Stratigraphic Trap Exploration since 2010
	Keynote Speaker: Graeme Bagley (WestWood Energy)
08:20 - 08:40	A Step-Change in Success Rates in Finding Stratigraphic Traps: Lessons Gleaned from AAPG Giant Fields GIS Database, Updated to 2021
	John Dolsen (Consultant, USA)
08:40 - 09:00	Migration and Charge Risk for Stratigraphic Traps
	Zihyong He (Zetaware)
09:00 - 09:20	Exploration decision-making (perhaps geophysics?)
	Bala Kunjan (Cue Energy)
09:20 - 09:40	Stratigraphic traps: examples and considerations for risking traps and seals
	Eleanor Stirling (BP, UK)
09:40 - 10:00	Moderated Discussion – 20 mins
10:00 - 10:15	Speed Networking - 15 minutes
Session 4	ADDRESSING TRAP DEFINITION CHALLENGES
	Session Chairs:
10:15 - 10:35	Thoughts on stratigraphic traps
	Keynote Speaker: Henry Posamentier (Consultant)
10:35 - 10:55	The influence of seafloor topography on turbidity currents and their deposits: implications for reservoir characterization and stratigraphic trap prediction
	Euan Soutter (Liverpool University)
10:55 - 11:15	Mahakam Case Study
	Angus Ferguson (BRIGHT SPOT CONSULTANTS)
11:15 - 11:35	Deep-Water Up-Dip Strat Traps
	Lawrence Amy (University College Dublin)
11:35 - 11:55	DA systematic workflow for the exploration and evaluation of subtle traps (stratigraphic and regional unconformity plays)
	Mike Mayall (Imperial College London, UK)
11:55 - 12:15	Moderated Discussion – 20 mins
12:15 - 13:15	Post-Event Speed Networking

Thursday, 9 December 2021

All sessions are in Gulf Standard Time

Session 5	INNOVATIVE WORKFLOWS AND EMERGING TRENDS
	Session Chairs: Ian Sayers, CGG and Gillian Apps, Bureau of Economic Geology
08:00 - 08:20	Stratigraphic Traps for Carbon Storage: Rethinking Risk and Success
	Alex Bump (University of Texas)
08:20 - 08:40	A process-led approach to framing uncertainty and risk in CO2 storage in the subsurface
	Simon Shoulders (BP, UK)
08:40 - 09:00	Nested Models – the new basin modeling standard for stratigraphic traps?
	Carlos Andres (Schlumberger)
09:00 - 09:20	Stratigraphic forward modeling to seismic forward modeling: An innovative approach in characterizing carbonate reservoirs
	Wael Ben Habel (Schlumberger)
09:20 - 09:40	Forward Stratigraphic Modelling of Strat Traps
	Donald Christie (Southampton University)
09:40 - 10:00	Moderated Discussion – 30 mins
10:00 - 10:15	Networking Break - 15 minutes
Session 6	GEOPHYSICAL APPROACHES
	Session Chairs:
10:15 - 10:35	Case Study: SEA carbonates
	Danial Hasno (Mubadala Petroleum)
10:35 - 10:55	The subtle carbonate stratigraphy play: the overlook giant of Central Luconia, NW Borneo
	King King Ting (PETRONAS Carigali Sdn. Bhd.)
10:55 - 11:15	Resolution enabling the exploration and development of stratigraphic traps
	Joseph Reilly
11:15 - 11:35	Practical Insight from the Banggai Basin Lower Slope Channel Forward Modeling
	Adi Widyantoro (PERTAMINA)
11:35 - 11:55	Removing lithology to show the fluids through seismic inversion
	Mark Sams (PETRONAS)
11:55 - 12:15	Moderated Discussion – 20 mins
12:15 - 12:30	Wrap-up by Workshop Technical Co-Chairs
12:30 - 13:30	Post-Event Speed Networking