

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

7–9 DECEMBER 2021

EAGE/SEG WORKSHOP

# PROGRAMME

(VIRTUAL)

UNITED KINGDOM TIME (GMT +1:00)

## 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 United Kingdom Time (GMT +1:00)

04:00 - 04:10	<b>Welcome Message by Technical Committee Co-Chairs</b>
04:10 - 04:20	<b>Leadership Keynote Address by SEG Board &amp; EAGE Board</b>
04:20 - 04:50	<b>Opening Speaker by Ian Longley</b>
04:50 - 05:05	<b>Speed Networking - 15 minutes</b>
<b>Session 1</b>	<b>REGIONAL PERSPECTIVE</b>
	Session Chairs: Kelly Poret (PTTEP)
05:05 - 05:25	<b>Deep-water stratigraphic to combination traps in conjugate transform margins: lessons from Ghana-CDI and Guyana-Suriname</b>
	Bryan Cronin (Tullow, UK)
05:25 - 05:45	<b>Exploring Stratigraphic Traps on Carbonate Platform Margins using Targeted Technology Workflow Applications</b>
	Stanley Wharton (Subsurface Imaging)
05:45 - 06:05	<b>Stratigraphic play in Sabah Deep water: Where do we Stand?</b>
	Satyabrata Nayak (PETRONAS)
06:05 - 06:25	<b>Moderated Discussion – 20 mins</b>
06:25 - 06:40	<b>Speed Networking - 15 minutes</b>
<b>Session 2</b>	<b>CASE STUDIES</b>
	Session Chairs:
06:40 - 07:00	<b>Case Study: North Sea Field</b>
	Peter O'Mara (New European Offshore)
07:00 - 07:20	<b>The sedimentology of detached offshore bars, Sarawak, Malaysia. Testing a stratigraphic play</b>
	Nur Lydia Binti Zainal (PETRONAS Carigali Sdn. Bhd.)
07:20 - 07:40	<b>Developing Near Field Stratigraphic Trap in Matured Producing Field</b>
	Aini Ashiqin Mohd. Mokhdhari & Sharon Khor Suyin (ExxonMobil)
07:40 - 08:00	<b>Expect the Unexpected: Lessons from Case Studies in Subtle Stratigraphic Traps</b>
	Duncan Barr (Sedigon Consultants LLC)
08:00 - 08:20	<b>Moderated Discussion – 20 mins</b>
08:20 - 09:20	<b>Post-Event Speed Networking</b>

## Wednesday, 8 December 2021

All sessions are in United Kingdom Time (GMT +1:00)

<b>Session 3</b>	<b>EXPLORATION EFFORT AND RISKING BEST PRACTICE</b>
	Session Chairs: Ian Sayers, CGG and Stan Stanbrook, Murphy Oil
04:00 - 04:20	<b>Stratigraphic Trap Exploration since 2010</b>
	Keynote Speaker: Graeme Bagley (WestWood Energy)
04:20 - 04:40	<b>A Step-Change in Success Rates in Finding Stratigraphic Traps: Lessons Gleaned from AAPG Giant Fields GIS Database, Updated to 2021</b>
	John Dolsen (Consultant, USA)
04:40 - 05:00	<b>Migration and Charge Risk for Stratigraphic Traps</b>
	Zihyong He (Zetaware)
05:00 - 05:20	<b>Exploration decision-making (perhaps geophysics?)</b>
	Bala Kunjan (Cue Energy)
05:20 - 05:40	<b>Stratigraphic traps: examples and considerations for risking traps and seals</b>
	Eleanor Stirling (BP, UK)
05:40 - 06:00	<b>Moderated Discussion – 20 mins</b>
06:00 - 06:15	<b>Speed Networking - 15 minutes</b>
<b>Session 4</b>	<b>ADDRESSING TRAP DEFINITION CHALLENGES</b>
	Session Chairs:
06:15 - 06:35	<b>Thoughts on stratigraphic traps</b>
	Keynote Speaker: Henry Posamentier (Consultant)
06:35 - 06:55	<b>The influence of seafloor topography on turbidity currents and their deposits: implications for reservoir characterization and stratigraphic trap prediction</b>
	Euan Soutter (Liverpool University)
06:55 - 07:15	<b>Mahakam Case Study</b>
	Angus Ferguson (BRIGHT SPOT CONSULTANTS)
07:15 - 07:35	<b>Deep-Water Up-Dip Strat Traps</b>
	Lawrence Amy (University College Dublin)
07:35 - 07:55	<b>DA systematic workflow for the exploration and evaluation of subtle traps (stratigraphic and regional unconformity plays)</b>
	Mike Mayall (Imperial College London, UK)
07:55 - 08:15	<b>Moderated Discussion – 20 mins</b>
08:15 - 09:15	<b>Post-Event Speed Networking</b>

## Thursday, 9 December 2021

All sessions are in United Kingdom Time (GMT +1:00)

<b>Session 5</b>	<b>INNOVATIVE WORKFLOWS AND EMERGING TRENDS</b>
	Session Chairs: Ian Sayers, CGG and Gillian Apps, Bureau of Economic Geology
04:00 - 04:20	<b>Stratigraphic Traps for Carbon Storage: Rethinking Risk and Success</b>
	Alex Bump (University of Texas)
04:20 - 04:40	<b>A process-led approach to framing uncertainty and risk in CO2 storage in the subsurface</b>
	Simon Shoulders (BP, UK)
04:40 - 05:00	<b>Nested Models – the new basin modeling standard for stratigraphic traps?</b>
	Carlos Andres (Schlumberger)
05:00 - 05:20	<b>Stratigraphic forward modeling to seismic forward modeling: An innovative approach in characterizing carbonate reservoirs</b>
	Wael Ben Habel (Schlumberger)
05:20 - 05:40	<b>Forward Stratigraphic Modelling of Strat Traps</b>
	Donald Christie (Southampton University)
05:40 - 06:00	<b>Moderated Discussion – 30 mins</b>
06:00 - 06:15	<b>Networking Break - 15 minutes</b>
<b>Session 6</b>	<b>GEOPHYSICAL APPROACHES</b>
	Session Chairs:
06:15 - 06:35	<b>Case Study: SEA carbonates</b>
	Danial Hasno (Mubadala Petroleum)
06:35 - 06:55	<b>The subtle carbonate stratigraphy play: the overlook giant of Central Luconia, NW Borneo</b>
	King King Ting (PETRONAS Carigali Sdn. Bhd.)
06:55 - 07:15	<b>Resolution enabling the exploration and development of stratigraphic traps</b>
	Joseph Reilly
07:15 - 07:35	<b>Practical Insight from the Banggai Basin Lower Slope Channel Forward Modeling</b>
	Adi Widyantoro (PERTAMINA)
07:35 - 07:55	<b>Removing lithology to show the fluids through seismic inversion</b>
	Mark Sams (PETRONAS)
07:55 - 08:15	<b>Moderated Discussion – 20 mins</b>
08:15 - 08:30	<b>Wrap-up by Workshop Technical Co-Chairs</b>
08:30 - 09:30	<b>Post-Event Speed Networking</b>