

# GASS2021 - DAY 1 (THIS IS AN AFTERNOON SESSION) May 20th 2021

13:30	13:40	Welcome & Introduction	Dr Vanessa Banks & Dr Lucia Perez Diaz
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## SESSION 1 - NATURAL RESOURCES

Chair: Dr Lucia Perez Diaz & Dr Tom Phillips

13:45	14:05	TALK 1 Integrated geochemical and attribute modelling of the Kimmeridge Clay Formation (KCF) in the UK North Sea: Implications for unconventional hydrocarbon exploration and energy security	Derby	Akinniyi A Akinwumiju
14:05	14:25	TALK 3 A back to basics approach - Assessment of intra and supra Basaltic prospectivity within the Cambo-Rosebank region	Aberdeen	Kirsty Lewis
14:25	14:45	TALK 4 Comparison of CNN architecture for textural carbonate core image classification	Imperial	Harriet Dawson

14:45	15:00	Posters "two minutes of fame"	Imperial UCL Barcelona Birmingham	A - Ahmed Alghuraybi B - Lucia Andruettiova C - Alberto Santamaria Barragán D - Ifanegan Ayomide Samson
Including individual Breakout Rooms to view each poster during coffee break				

15:00	15:30	VIRTUAL COFFEE BREAK		
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## SESSION 2 - TECTONICS

Chair: Mr Nicholas Pierpoint & Dr Tom Phillips

15:30	15:50	TALK 5 Using full-waveform inversion to investigate slow slip events at the Hikurangi subduction zone, New Zealand	Imperial	Laura Frahm
15:50	16:20	TALK 6 Equilibrium Shapes and Geology of Trans Neptunian Objects (TNO's)	Paraná	Hely C. Branco
16:20	16:40	INVITED TALK Basaltic volcanism in the Ethiopian Rift	Leeds	Kevin Wong

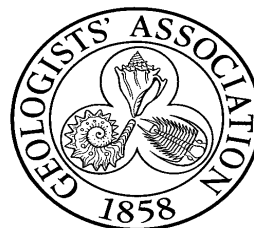
16:40	17:00	VIRTUAL COFFEE BREAK - INCLUDING VOTING		
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17:00	17:30	KEYNOTE Geoscience and the Energy Transition	Halliburton	Dr. Mike Simmons
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17:30	Closing Remarks:	GASS2021 Convenors
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# GASS2021 - DAY 2 (THIS IS A MORNING SESSION) May 21st 2021

09:30      09:40                      **Welcome & Introduction**    **Mr Nick Pierpoint**

## SESSION 3 - PAST ENVIRONMENTS

Chair: Nick Pierpoint & Janet Wright

09:40	10:00	TALK 7 Mammalian response to an Early Paleocene hyperthermal event	Leicester	Neil F. Adams
10:00	10:20	TALK 8 Investigating Dessan-induced environmental changes, prior to the Cretaceous/Paleogene (K/Pg) mass extinction	Edinburgh	Matthew Staitis
10:20	10:40	TALK 9 Minreal magnetic variations of loess-paleosol sequences of northern Serbia and its paleoclimatic implications for the last million years (1.0Ma)	China	Namier Namier
10:40	11:00	TALK 10 Groundwater quality in the low lying delta setting of southwest Bangladesh: Relationships between geology and groundwater chemistry	Portsmouth	Sean Feist

11:00	11:45	<p style="text-align: center;">Posters "two minutes of fame"</p> <p style="text-align: center;">Including individual Breakout Rooms to view each poster during coffee break</p>	<p>Turkey</p> <p>Indiana</p> <p>Hong Kong</p> <p>Salamanca</p>	<p>E - Hemayatullah Ahmadi Alghuraybi</p> <p>F - Ruiguang Pan</p> <p>G - Thomas Fogerty</p> <p>H - Diana Moreno Martin</p>
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11:45      12:00    **VIRTUAL COFFEE BREAK**

## SESSION 4 - GEOSCIENCE & COMMUNITIES

Chair: Janet Wright & Dr Liam Gallagher

12:00	12:20	TALK 11 To sustain Mineral Benefits in Mining Regions, Communities Must be resilient to sudden Mine closure, and this requires good Regional governance	Exeter	Rezki Syahrir
12:20	12:40	TALK 12 The role of Geoscience in assessing Bullet damage to Heritage	Cardiff	Oliver Campbell
12:40	13:00	INVITED TALK Effective seismic thermometry	Manchester	Arka Dyuti Sarkar

13:00      13:15    **VIRTUAL COFFEE BREAK - INCLUDING VOTING**

13:15	14:00	KEYNOTE Early career roles in Earth sciences, International collaboration and geoparks	<p>Plymouth</p> <p>UNESCO</p>	<p>Prof. Iain Stewart</p> <p>Ozlem Adiyaman Lopes</p>
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14:00      14:15    **CLOSING REMARKS & AWARDS**

Dr Vanessa Banks & GASS2021 Convenors

