

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

13:30 13:40 Welcome & Introduction Dr Vanessa Banks & Dr Lucia Perez Diaz

SESSION 1 - NATURAL RESOURCES

Chair: Dr Lucia Perez Diaz & Dr Tom Phillips

13:45	14:05	TALK 1 All the world in a grain of sand? Geochemical surveying by unmixing of large-river sediments	Imperial	Alex Lipp
14:05	14:25	TALK 2 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
14:25	14:45	TALK 3 A back to basics approach - Assessment of intra and supra Basaltic prospectivity within the Cambo-Rosebank region	Aberdeen	Kirsty Lewis
14:45	15:05	TALK 4 Comparison of CNN architecture for textural carbonate core image classification	Imperial	Harriet Dawson

15:05 15:15 VIRTUAL COFFEE BREAK

15:20	16:00	Posters "two minutes of fame" Including individual Breakout Rooms to view each poster	Imperial	A - Ahmed Alghuraybi
			UCL	B - Lucia Andruettiova
			Barcelona	C - Alberto Santamaria Barragán
			Nigeria	D - Ifanegan Ayomide Samson
			Birmingham	E - Thomas Fogerty

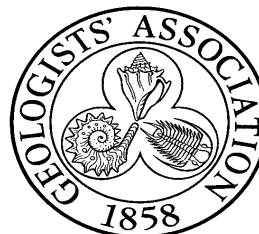
SESSION 2 - TECTONICS

Chair: Mr Nicholas Pierpoint & Dr Tom Phillips

16:00	16:20	TALK 5 Using full-waveform inversion to investigate slow slip events at the Hikurangi subduction zone, New Zealand	Imperial	Laura Frahm
16:20	16:40	TALK 6 Equilibrium Shapes and Geology of Trans Neptunian Objects (TNO's)	Paraná	Hely C. Branco
16:40	17:00	INVITED TALK Basaltic volcanism in the Ethiopian Rift	Leeds	Kevin Wong

17:00 17:15 VIRTUAL COFFEE BREAK - INCLUDING VOTING

17:15 18:00 KEYNOTE Geoscience and the Energy Transition Halliburton Dr. Mike Simmons



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 11:15 VIRTUAL COFFEE BREAK

11:15	12:00	Posters "two minutes of fame" Including individual Breakout Rooms to view each poster	Turkey	E - Hemayatullah Ahmadi Alghuraybi
			Indiana	F - Ruiguang Pan
			Hong Kong	G - Hayley Hunt
			Salamanca	H - Diana Moreno Martin

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	Arkadyuti Sarakar

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

13:15	14:00	KEYNOTE Sustainable Geoscience in the 21st Century	Plymouth	Prof. Iain Stewart
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14:00 14:15 CLOSING REMARKS & AWARDS

Dr Vanessa Banks & GASS2021 Convenors

