

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

13:30 13:40 **Welcome & Introduction** Dr Vanessa Banks & Dr Tom Phillips

SESSION 1 - NATURAL RESOURCES

Chair: Dr Tom Phillips & Dr Sean O'Neill

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 2** 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 3** 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
Akure, Nigeria 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**

SESSION 2 - TECTONICS

Chair: Dr Tom Phillips & Dr Lucia Perez Diaz

15:30 15:50 **TALK 4** Using full-waveform inversion to investigate slow slip events at the Hikurangi subduction zone, New Zealand Imperial Laura Frahm

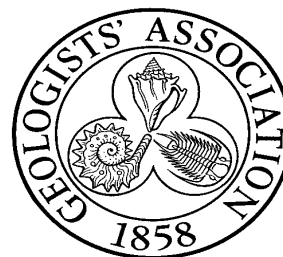
15:50 16:20 **TALK 5** Equilibrium Shapes and Geology of Trans Neptunian Objects (TNO's) Paraná, Brazil Hely C. Branco

16:20 16:40 **INVITED TALK** Basaltic volcanism in the Ethiopian Rift Leeds Kevin Wong

16:40 17:00 **VIRTUAL COFFEE BREAK - INCLUDING VOTING**

17:00 17:30 **KEYNOTE** Geoscience and the Energy Transition Halliburton Dr. Mike Simmons

17:30 **Closing Remarks:** GASS2021 Convenors Please join us now in the vGASS2021 'Gathertown' social space...

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 6 Mammalian response to an Early Paleocene hyperthermal event	Leicester	Neil F. Adams
10:00	10:20	TALK 7 Investigating Dessan-induced environmental changes, prior to the Cretaceous/Paleogene (K/Pg) mass extinction	Edinburgh	Matthew Staitis
10:20	10:40	TALK 8 Mineral 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 9 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 style="text-align: center;">Turkey Indiana, USA Birmingham Salamanca, Spain</p>	<p style="text-align: center;">E - Hemayatullah Ahmadi Alghuraybi F - Ruiguang Pan G - Thomas Fogerty H - Diana Moreno Martin</p>
-------	-------	---	--	---

11:45 12:00 **VIRTUAL COFFEE BREAK**

SESSION 4 - GEOSCIENCE & COMMUNITIES

Chair: Janet Wright & Dr Liam Gallagher

12:00	12:20	TALK 10 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 11 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	Plymouth UNESCO	Prof. Iain Stewart Ozlem Adiyaman Lopes
-------	-------	--	--------------------	--

14:00 14:15 **CLOSING REMARKS & AWARDS**

Dr Vanessa Banks & GASS2021 Convenors

Please join us now in the vGASS2021 'Gathertown' social space...



GASS
2021

