

TSG 2020, Hull

	Monday	Tuesday	Wednesday	Thursday
	6th Jan	7th Jan	8th Jan	9th Jan
09:00	TSG FIELDTRIP - coach departs 8am from outside middleton hall on university campus	REGISTRATION / coffee	arrival	arrival
09:15		Welcome	Uncertainties in break-up markers along the Iberian – Newfoundland conjugate margin illustrated by newly available seismic data - Annabel Causer	Numerical investigation of continental extension in heterogeneous cratonic lithosphere, constrained by observations from the Labrador Sea M. Gouiza
09:30		Interactions of multi-scale fracture network within different sedimentological domain of an isolated carbonate platform at Latemar: Implication for fluid-flow - O.A. Igbokwe	Techniques to validate subsurface interpretation for folds and fold-thrust related geometries using examples from coalmine dataset in lower Rhine basin - Ruhr sub-basin, Germany: Ramy Abdallah	Tectonic evolution of Anglesey and adjacent mainland North Wales: accretion of peri-Gondwanan elements in the UK sector of Iapetus - Leslie, A.G.
09:45		Relating slip morphology and kinematics of a liquefaction event to flow evolution - Rebecca Macaskill Robertson	Initiation of the Great Glen Fault Zone as a Dextral Transform Fault during the Scandian orogeny – Evidence from the Rubha na h-Earba Fault and Linnhe intrusion - E Dempsey	Basin structural analyses of Lower and Middle Benue Trough of Nigeria derived from the analysis of remote sensing, gravity and aeromagnetic data Yenne E.Y
10:00		Seismic Analysis and Volumetric Estimations of Mass Transport Deposits in the Rockall Trough. - Roseanna Bentley	Stretching transform faults in the Mediterranean region. Ernest H. Ruller	The nature and origin of structures within the Burren, County Clare, Ireland. John Walsh
10:15		coffee	coffee	coffee
10:30		Regional tectonic implications on the tectonic contact at Zannone Island, Italy - Curzi M.	Geomorphic expressions of collision tectonics in the Qilian Shan, North Eastern Tibetan Plateau - Katharine Groves	Dating faults, fractures, and fluids with U-Pb calcite geochronology (1): Strategies, progress, and pitfalls Nick M W Roberts
10:45		Characterising near-fault coseismic and post-seismic deformation from point clouds at different scales: the 2014 Mw 6.4 Norcia earthquake (Central Italy) Bob Elliott	Diachronous Tibetan Plateau landscape evolution derived from lava field geomorphology Mark Allen	Dating faults, fractures and fluids with U-Pb calcite geochronology (2): Application to contrasting fracture and fluid-flow modes of the Cleveland Basin Jack Lee
11:00		Fracture distribution within a carbonate hosted relay ramp: insights from the Tre Monti fault (Central Italy) - Mercuri, M	Reconciling geophysical and petrological estimates of the thermal structure of southern Tibet T.J. Craig	Fracture Network Characterization of the Cullin Fold Zone, Western Harz Mountains – Germany, as a Means to Extract Geothermal Reservoir Parameters Katherine FORD
11:15		Local stress amplifications associated with viscous shear zone networks trigger lower crustal earthquake nucleation Lucy Campbell	The interplay between deformation and metamorphism in lawsonite eclogites from the Yukon-Tanana Terrane, Yukon Territory, Canada and implications for rheological behaviour during subduction and exhumation - Carly Faber	Hydrogen storage and faults: learning from natural analogues Christopher J. McMahon
11:30		KEYNOTE: Deformation at Continental Thrust Faults Before, During and After Major Earthquakes - Prof Tim Wright	KEYNOTE: To localize or not to localize that is the question: Deformation behaviour of the crust – field studies and numerical simulations - Prof Sandra Plazolo	KEYNOTE: Structural Geology in Geothermal - Teaching a New Dog Old Tricks - Dr Dave McNamara
11:45		Lunch	Lunch	Lunch
12:00		Polymeric limits on fluid injection in rock - Tim Davis	AGM / discussion session	Low-angle detachments and tsunamis in the Banda Sea, eastern Indonesia Jonathan M Pownall
12:15		Fault core architecture and evolution in basalts: implications for mechanical and fluid-mediated weakening - Bob Bamberg		Linking deep-mantle structure with the bedrock record to test models of the India-Asia collision Andrew J Parsons
12:30		Salt-carbonate interactions on the West Central Shelf, offshore UK - Amir Joffe		What controls igneous sill segmentation? Insights from the Exmouth Plateau, NW Shelf, Australia J. Köpping
12:45		Onshore evidence for oblique reactivation of the pre-existing Devonian structures as an insight into the Mesozoic opening of the Inner Moray Firth Basin - A. Tomas		"The propagation direction of slip increments on ancient normal faults Conrad Childs"
13:00		Lunch	Lunch	Lunch
13:15		Lunch	Lunch	Lunch
13:30		Poster Session & Refreshments	Poster Session & Refreshments	mini break
13:45		Stykes and scales of structural inheritance – Rifting across the Median Batholith Zone and adjacent terranes, Great South Basin, New Zealand Thomas B. Phillips	Plate driving forces: pushing plumes into the background Lucia Pérez-Díaz	Complex kinematics in Shetlands Neoproterozoic basement: Evidence of Ductile extrusion during Caledonian transpression? T. Armitage
14:00	The temporal evolution of syn-sedimentary normal faults and the possible role of slip retreat Bailey A. Lathrop	Tectonic stress controls igneous sill geometry. R.J. Walker	Extreme growth competition in veins: microstructures and models Liene Spruzeniece	
14:15	KEYNOTE: The Lancaster Field: the anatomy and structural evolution of a fractured basement reservoir - Prof Bob Holdsworth	KEYNOTE: The Rock Record of the Earthquake Cycle - Prof Christie Rowe	Structural architecture of the south-Central Zone, Damara Orogenic Belt, Namibia Thomas Lloyd Jones	
14:30	Lunch	Lunch	Lunch	
14:45	Lunch	Lunch	Lunch	
15:00	Lunch	Lunch	Lunch	
15:15	Lunch	Lunch	Lunch	
15:30	Lunch	Lunch	Lunch	
15:45	Lunch	Lunch	Lunch	
16:00	Lunch	Lunch	Lunch	
16:15	Lunch	Lunch	Lunch	
16:30	Lunch	Lunch	Lunch	
16:45	Lunch	Lunch	Lunch	
EVENING	ICEBREAKER The Cam Exchange, Hull Old Town from 7:30	SCIENCE IN THE PUB: PUBLIC Q&A "The role of structural and tectonics research in our green future"	CONFERENCE DINNER Tapasya @ marina Humber Dock from 7 pm	2-3
			Student Awards / Farewell	