

**T35.5 - Isotope Geoscience***Date* **Tuesday, 30 August 2016***Time* **14:00** to **15:30***Chair**Room* **Westin - Sir Francis Drake**

<b>Times</b>		<b>Paper # Title</b>	<b>Speaker</b>
14:00	14:30	4791 Surface water – groundwater interactions in alluvial contexts: constraints using single and multi-isotope tracers	Dr. Emmanuelle PETELET-GIRAUD Keynote
14:30	14:45	4725 Fractionation of lithium isotopes during granite weathering revealed in waters, saprolites, soils and sediments (Massif Central, France)	Dr. Philippe Negrel
14:45	15:00	4582 A palaeoenvironmental proxy with more bite: assessing the applicability of O-isotopes in micromammal teeth	Dr. Milo Barham

Times		Paper #	Title	Speaker	
16:00	16:30	5295	Palaeozoic to Archaean zircons in rocks derived from the Galapagos mantle hotspot: where do they come from?	Dr. Yamirka Rojas-agramonte	Keynote
16:30	16:45	2813	Two different Neoproterozoic-Cambrian sedimentary basins of Dzabkhan continental block (Central Asian fold belt)	Dr. Irina Vishnevskaja	
16:45	17:00	4663	The oxygen isotope study of zircon grains from Catanda extrusive carbonatite (Angola).	Prof. Stanislaw Wolkowicz	
17:00	17:15	2964	Origin of hydrocarbon gases accumulated in the Zechstein Main Dolomite reservoir in Wielkopolska Province of the Polish Permian Basin	Ms. Elżbieta Bilkiewicz	

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	1427 Preliminary study of oxygen isotopes in tourmaline, quartz and muscovite from three granitic pegmatites of the Borborema Pegmatite Province, northeastern Brazil	Dr. Alcides Sial
	2840 Tracking a detrital zircon provenance – Pb-Pb and oxygen isotopic integrated record from Late Paleoproterozoic metasediments on Fannoscandia-Sarmatia junction zone	PROF JANINA WISZNIEWSKA
	4363 Combined analysis of Uranium series nuclides and in situ $^{10}\text{Be}$ in a weathering profile located in the Strengbach catchment (Vosges massif, France)	Dr Phillipe Negrel
	977 New insight into the tectonic framework of the Vanuatu island arc from the distribution of helium isotopes in volcanic gases and thermal waters	Dr. Philippe Jean-Baptiste
	3634 Origin of low $\delta^{18}\text{O}$ values in the Cretaceous Koegel Fontein Complex: Evidence for pre-existing $^{18}\text{O}$ -depletion in the country rock.	Mr. Benjamin Whitehead
	1548 Constraining fluid mixing processes at the Irish-type Lisheen Zn-Pb orebody: preliminary evidence from clumped C-O isotopes	Dr. Steve Hollis
	1794 In situ laser microprobe technique for carbon and oxygen isotope analysis of carbonate	Dr. Changfu FAN Dr. Yanhe LI
	1407 Cadmium isotope fractionation of materials originating from different industrial processes	Mr. Jan Čuřík
	2307 Pore fluid evolution, distribution and water-rock interactions of carbonate cements in red-bed sandstone reservoirs in the Dongying Depression, China	Dr. Jian Wang
	2503 U-Pb geochronology and Nd isotope contributions to the interpretation of a peculiar ring massif: the Santa Eulália plutonic complex (SW Iberia, Portugal)	Prof. Luís Lopes
	540 Clumped Isotope Compositions of Marbles from the Backbone Range of Taiwan	Dr. Tzen-Fu Yui