



35TH INTERNATIONAL GEOLOGICAL CONGRESS

T46.14 - Volcanology - Igneous Petrology and Geochemistry

Date Thursday, 01 September 2016

Time 16:00 to 17:45

Chair

Room Westin - Seal/Robben

Times		Paper #	Title	Speaker
16:00	16:15	3208	Lithospheric Controls on Magma Composition along Earth's Longest Continental Hotspot-track.	Dr. R. Davies
16:15	16:30	430	Crustal Xenolith in Deccan Traps of Saurashtra Region, Gujarat: Their Nature, Chemistry and Evolution	Mr. Md Naushad
16:30	16:45	2594	Multiple episodes of Palaeogene-Neogene felsic volcanism recoded from Andaman Islands, India – correlation with felsic volcanism of SE Asia	Mr. Anindya Bhattacharya
16:45	17:00	360	Growth of intermediate olivine (Fo 49-62) within Mg-rich olivine (Fo 82-90) of basaltic lava of active Barren volcano, - an unusual product of terrestrial rock	Dr. Tapan Pal
17:00	17:15	274	A possible volcanic hazard risk of the Gölcük volcano (Isparta), SW Turkey	Dr. Nevzat Ozgur
17:15	17:30	2485	Disequilibrium Petrographic Textures and their Genesis: Evidences from Shield-forming Lavas of Tianchi volcano between China and North Korea	Dr. yongshun liu
17:30	17:45	1748	Ultra-high precision $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of volcanic rocks, using an ARGUSVI multi-collector mass spectrometer	Dr. David Phillips

Times		Paper #	Title	Speaker
08:00	08:15	4070	The geochemical criteria of plume origin for Cenozoic volcano-rocks, Main Ethiopia Rift(MER)□A review	Prof. Huazhopu YAO
08:15	08:30	1225	Using lake cores and terrestrial tephra as a record of Holocene volcanism in the Central Main Ethiopian Rift	Ms. Keri McNamara
08:30	08:45	4434	Contemporary volcanic hazards in the Main Ethiopian Rift	Dr. Karen Fontijn
08:45	09:00	1959	The role of fractional crystallization and magma mixing in the geochemical and mineralogical evolution of silicate rocks at the Oldoinyo Lengai volcano (northern Tanzania)	Ms. Anna Balashova
09:00	09:15	4706	The Nsenga Tephra eruption of the Ngozi caldera, SW Tanzania	Mr. Gert-Jan Peeters

Times		Paper # Title	Speaker
10:30	10:45	3827 Liberating water during volcano collapse	Dr. Audray Delcamp
10:45	11:00	4440 Architecture of lavas from Deccan Volcanic Province, India and its implications	Dr. Vivek Kale
11:00	11:15	1321 Integrated gravity and magnetics as a tool for investigating the Neogene- Quaternary volcanism of East Carpathians	Dr. Lucian Besutiu
11:15	11:30	1582 Recent contributions of gravimetry to studying volcanic unrest or reactivation	Dr. Peter Vajda
11:30	11:45	3523 CHARACTERIZATION AND SIGNIFICANCE OF INTRUSIVE ROCKS IN GEOTHERMAL RESERVOIRS.	Mr. Emmanuel Ngetich
11:45	12:00	2164 A multidisciplinary study on the Xiangshan uranium-bearing caldera structure: evidences from anisotropy of magnetic susceptibility and gravity modeling	Dr. Guangrong Li

Times	Paper # Title	Speaker
	3426 Morphological analysis of Holocene scoria cones and maar volcanoes of the alkaline Bayuda Volcanic Field in NE Africa (Sudan): new insights into the structure and evolution of a monogenetic volcanic field	Dr. Nils Lenhardt
	4777 Locating the depth of magma supply for volcanic eruptions	Mr. Harri Geiger
	5302 Volcanic source-to-sink: stratigraphy and chronology of lahar deposits in a volcanic fan-delta-lake system, Adatara and Bandai volcanoes, NE Japan	Dr. Kyoko Kataoka
	1543 Theoretical models for gravity anomalies caused by thermoelastic deformations in the vicinity of magmatic bodies	Dr. Ladislav Brimich
	3830 Maar deposits in North Tanzania: phreatomagmatic or dry fragmentation?	Dr. Audray Delcamp
	3755 Vein networks record pressurization events in the active hydrothermal system of Lipari Island (Italy)	Dr. Luigi Cucci
	3653 Lava tubes from central portion of the Paraná CFB Province, Brazil	Dr. Breno Waichel
	1556 The earliest open conduit eruptive centre of the Etna volcano: evidence from aeromagnetic and geological data	Dr. Francesca D'Ajello Caracciolo
	1965 Lake Empakat - new tephrochronological data on the stratigraphic record in northern Tanzania	Ms. Anna Balashova
	1512 U-Pb evidence for rapid formation of the Nohi Rhyolite, one of the largest caldera-forming volcanic complexes on Earth	Dr. Hiroyuki Hoshi
	3324 Reduction Risk and Seismic activity at Nyiragongo and Nyamulagira volcanoes in the Western Branch of the East African Rift/DRC	Mr. KIRO KUBUYA