

**T36.1 - Large Igneous Provinces***Date* **Monday, 29 August 2016***Time* **14:00** *to* **15:30***Chair**Room* **MR 1.41 - 1.42**

Times		Paper # Title	Speaker	
14:00	14:30	5070 LIPs in Space and Time	Dr. Richard Ernst	Keynote
14:30	14:45	594 Plume-related magmatic systems and their roots: Evidence from large igneous provinces and mantle xenoliths in basalts	Dr. Evgenii Sharkov	
14:45	15:00	4393 Variably deformed and metamorphosed Palaeoproterozoic mafic dykes across the Nagssugtoqidian Foreland, SE Greenland	Mr. Riaan Bothma	
15:00	15:15	281 PETROLOGY AND GEOCHEMISTRY OF MAFIC DYKE AND SILLS IN CUMBUM FORMATION, OF THE PROTEROZOIC NALLAMALAI FOLD BELT, RAJAMPET AREA, ANDHRA PRADESH, INDIA	Miss MUNMUN CHAKRABORTY	
15:15	15:30	3220 The Gawler Range Volcanics: Petrogenesis of a Silicic Large Igneous Province.	Prof. John Foden	

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16:00	16:15	1941	Paleoproterozoic PGE-bearing Monchetundra Massif (Fennoscandian Shield): Isotope-Geochemical Nd-Sr Features of the Mafic Rocks	Mr. Evgeniy Kunakkuzin	
16:15	16:45	4868	A ~3 Ga record of mafic dyke and sill swarms across the Kaapvaal Craton: Further structural and geochemical clues for six Large Igneous Provinces	Dr. Martin Klausen	Keynote
16:45	17:00	4730	Thermodynamic examination into the causation of the mineralogical cyclicity of the Upper Zone of the Bushveld Complex.	Ms. Tawnee Britt	
17:00	17:15	4715	Ti-thermometry of magmatic quartz in evolved rocks from the Bushveld Complex, South Africa	Mr. MUSAWENKOSI BUTHELEZI	
17:15	17:30	1891	Did the dioritic intrusions of the Vredefort Dome in South Africa form during the Bushveld event?	Mr. Willem Kruger	
17:30	17:45	144	Trace element and Sr-isotopic variations in plagioclase of the Main and Upper zones, Northern and Western limbs, Bushveld Complex.	Dr. Frederick Roelofse	

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	4645 Crystallization and initial mush porosity of poikilitic anorthosites in the Bushveld Complex	Dr. Ben Hayes
	4304 Spatio-chemical analysis of dykes in the Etendeka Large Igneous Province, Namibia: Insights into the magmatic processes associated with continental break-up	Dr. Trishya Owen-Smith
	5260 In-situ multiple-trace element analyses as a tool for investigating the petrogenesis of phoscorite-carbonatite associations, as exemplified by the Phalaborwa Complex, South Africa	Dr Lorenzo Milani
	4676 Geochemistry of the Bitungulu lava flow of the January 17 , 2002 Nyiragongo volcano eruption (Virunga, East-African rift)	Mr. K. Ephrem KAMATE
	4874 Mafic rocks along the Kasai River (DRC/Angola)	Mr. Wean Welgemoed
	2832 Paleoproterozoic Monchetundra massif (Fennoscandian shield): geological relationships and geochemical features of rocks	Ms. Elena Borisenko
	1719 Permian-Jurassic rift-related alkaline magmatism of the Eastern Mountains, Central Andes Bolivia	Dr. Ramiro Matos
	708 Chalcophile element geochemistry of the Baima layered intrusion, Emeishan Large Igneous Province, SW China: implications for sulfur saturation history and genetic relationship with high-Ti basalts	Mrs. Xiaoqi Zhang
	2378 Petrological constrains on the coarse-grained, high-Mg basaltic enclaves of Capo Marargiu (Sardinia, Italy)	Mr. Vanni Tecchiato
	4984 A petrographic, geochemical and geochronological study of mafic sills within the Transvaal Supergroup, east of the Bushveld Igneous Complex	Ms. Thendo Netshidzivhe

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08:00	08:15	3369	Magmatic complexes of the Urals that may belong to Large Igneous Provinces	Dr Victor Puchkov
08:15	08:30	5309	Geochemistry of the High-Ti Flood Basalts in Mid-Eastern Emeishan Large Igneous Province, SW China	Mr. Guangshu Yang
08:30	08:45	4770	Magma plumbing to the 2014-15 Holuhraun eruption, Iceland	Mr. Harri Geiger
08:45	09:00	4941	Seismic imaging of sills, dykes and hydrothermal vents in the Main Karoo Basin, South Africa: implications for shale gas potential	Prof Susan Webb Dr. Stephanie Scheiber-Enslin
09:00	09:15	595	Coronite structures in ferrogabbros as evidence for the existence of a high-Fe melt: Example from the Elet'ozero intrusive complex (north Karelia, Russia)	Dr. Evgenii Sharkov
09:15	19:30	345	PGE - bearing sulphides in mafic-ultramafic sills and dykes of Krishnarajpet and Hadanur- Tagadur belts, Western Dharwar Craton (India).	Mr. Nibin Tom
09:30	09:45	5258	Coupled S and Pb isotopic systematics of the ~2.06 Ga Phalaborwa phosphorite-carbonatite complex: sulphur sources and age of sulphide mineralization	Dr Robert Bolhar
09:45	10:00	3536	Mesoproterozoic Miaskitic Alkaline Magmatism and its Manifestation in the Cuddapah Intrusive Province of Peninsular India: A petrological and Geochemical study.	Dr. Ragi Reddy

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10:30	10:45	3745	The miaskitic-to-agpaitic transition in the Pilanesberg alkaline complex, South Africa	Prof. Tom Andersen
10:45	11:00	3627	The Mesoproterozoic Pilanesberg Complex - age and whole rock geochemistry	Prof. Marlina Elburg
11:00	11:15	376	Chemistry of Chrome-Spinel in serpentinite of the Taka, Central India: Its genetic significance.	Dr. Rajkumar Meshram
11:15	11:30	358	Petrogenesis of chromitite pods in Andaman ophiolite: magmatic evolution in two stages of melt-rock interaction	Dr. Tapan Pal
11:30	11:45	1579	Study of Archaean mafic-ultramafic rocks from a partly preserved ophiolite complex of Bangriposi and Kuliana areas, Orissa, eastern India	Dr. ARIJIT RAY

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14:00	14:30	4957	Geochemical Fingerprinting of Granites Revisited	Prof. Julian Pearce	Keynote
14:30	15:00	2985	Crustal and tectonic evolution of accretionary orogens in NE Asia: evidence from geochronological and geochemical study of granitoids and comparison with the Central Asian Orogenic Belt	Prof. Bor-ming Jahn	Keynote

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	3064	Geochemistry and petrogenesis of the Late Jurassic granitoids from Xuru Tso area, western Lhasa Terrane, Tibetan Plateau	Ms. Yan JingJing
	2079	Three stages to form a large batholith during terrane accretion – an example from the Central Finland granitoid complex, Svecofennian orogen, Northern Europe	Dr. Annakaisa Korja
	861	Emplacement mechanism of the Middle-Late Jurassic Qitianling pluton and its implications on the Mesozoic tectonics of the South China Block	Prof. Yan Chen
	4187	Late Cretaceous Arc Volcanism in the Central Chilean Andes (~35°S): Characteristics and Tectonic Implications	Dr Marcia Muñoz
	3313	Fractional crystallization and magma mixing in the calc-alkaline Karadağ Granitoid (Balya-Balıkesir-Turkey)	Dr. Sabah Yılmaz Şahin
	3958	Reexamination of the radiometric ages of the Miocene forearc magmatism SW Japan	Dr. Hironao Shinjoe
	1415	The post-tectonic granites of the Gavião Block: the example of Salininha Monzogranite, Bahia, Brazil.	Mr. Rafael Gordilho-Barbosa
	3137	Mafic and felsic plutonism in the Elvas region (SW Iberia, Portugal): two distinct Nd isotope sources and geodynamics	Prof. Luís Lopes
	2936	Occurrence of Rapakivi Granite around Tarai, Kano state, Northwestern Nigeria: A Preliminary Report	Mr. Abdulgafar Amuda
	550	Geochronological, geochemical and Sr-Nd-Hf isotopic constraints on the petrogenesis of Cretaceous monzonitic plutons in Zhejiang Province, Southeast China	Dr. Jian-Sheng Qiu
	1467	Emplacement Mechanism of Yuechengling Granitic Batholith of NE Guangxi, China	Dr. zuohai feng
	919	Genesis and magmatic emplacement model of the Himalayan intrusions from Baoxingchang area, Western Yunnan	Ms. Yan Dao
	4186	Geochemical characteristics of Late Cretaceous to Pliocene arc magmatism in the Central Chilean Andes (~35°S) and its records of the evolving geodynamic frame	Dr. Marcia Muñoz
	2652	Petrology of Paleocene Koujyaku granites in Shiga and Fukui prefectures, central Japan	Mr. Kazuhiko Sawada
	2975	Petrology of the two contrasting Cretaceous granitoid plutons, west to Lake Biwa, southwest Japan	Dr. Masaru Taga Dr Mamoru Murata
	4836	Two generations of gabbro in the Buem structural unit, southeastern Ghana. Constrains from petrography and geochemistry	Mr. Daniel Kwayisi
	702	Geochronology and geochemistry of Mesozoic volcanic rocks in Western Liaoning, NE China	Dr. Bo Lin
	2515	Geochronological Framework and Tectonic Background of Granites in Southern Margin (Anhui area) of the North China Block	Prof. Weiping Wu
	4154	Petrography, geochemistry, and radiometric dating U-Pb SHRIMP II of the tonalite complexes of the Lok-Karabakh, Lesser Caucasus (Azerbaijan)	Dr. Artem Terekhov
	4437	Isotopic heterogeneity in granites: melting or mixing?	Prof. Janet Hergt
	3356	Evidence of heterogeneous crustal origin for the Pan-African Mbengwi plutonics (northwestern Cameroon, central Africa)	Prof. Emmanuel Njonfang
	3996	Classification, mineralogical and geochemical variations in pegmatites of the Cape Cross –Uis pegmatite belt, Namibia.	Mr. Warrick Fuchsloch
	4099	Early-Jurassic tonalite- monzogranite association from the southern part of the Zhangguangcai Range: implications for the Paleo-Pacific plate subduction along the NE China	Dr. Jiangfeng Qin

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		for the Paleozoic plate extension along the NE China	
	1824	Crustal evolution in Central and Eastern Africa, with Special References to the Granitoids associated with the Paleoproterozoic Ubendian belt: SE D.R. Congo, SW Tanzania and NE Zambia.	Dr. Francois Toto Lubala
	860	The Late Jurassic syntectonic Hengshan Granitic Massif (Hunan, SE China) and its signification of an early extensional event of the South China Block during the Late Mesozoic	Prof. Yan Chen
	3435	Magmatic evolution of the Rödö rapakivi complex (Sweden); the importance of REE-fluorocarbonates	Dr. Ulf B. Andersson

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08:00	08:15	4680 Petrogenesis of high Sr/Y leucogranulites in the Liangcheng area, central-northern margin of the North China Craton	Ms. Luojuan Wang
08:15	08:30	3535 LATE ARCHAEOAN ALKALI SYENITE PLUTON FROM KOPPAL, KARNATAKA STATE, SOUTH INDIA: AN EMPLACEMENT DURING THE ACCRETION OF THE DHARWAR BATHOLITH	Dr. Kummera David
08:30	08:45	3920 Enclaves of diverse origin in Punugodu granite pluton, Prakasam District, Andhra Pradesh, India: Implications for source rock composition and crustal contamination	Mr. Chintapally Narshimha
08:45	09:00	1997 Petrology of the Koedoesfontein Complex in the Vredefort Dome, South Africa	Mr. Ricart Boneschans
09:00	09:15	546 Proterozoic, Paleozoic and Mesozoic rapakivi granites in China central orogenic system and their implications	Prof. Xiaoxia Wang
09:15	09:30	4898 Geochemical Attributes and tectono-magmatic evolution of Norite, Quartz-mangerite, charnockite and Porphyritic Granite of South Khasi & Kyllang Plutons, West Khasi Hills District, North East India	Mr. Medard Khonglah
09:30	09:45	184 Problems of intrusive magmatism in Saur region of Eastern Kazakhstan	Mrs. Elena Jes
09:45	10:00	2869 Petrology of Igneous Intrusive Rocks in NE Takestan-Iran	Dr. Mohammad Foudazi

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10:30	10:45	5068	Continental Style Calc-alkaline Plutonism in an Oceanic Island Arc: the Central Aleutian Hidden Bay Pluton	Prof. Suzanne Kay
10:45	11:00	4408	Early Cretaceous Magma Mingling in Xiaocuo, Southeastern China continental margin	Mrs. Liyun Zhou
11:00	11:15	4501	Phase petrology, geochemistry and U-Pb SHRIMP zircon chronology of Myllem granitoids and microgranular enclaves from Meghalaya plateau, Northeast India: Evidence of synchronous crystallization, magma-mixing and mingling during Pan-African thermal orogeny	Professor Santosh Kumar
11:15	11:30	86	Evidence for hybridization in the Tynong Province granitoids, Lachlan Orogen, Eastern Australia	Dr. Kamal Regmi
11:30	11:45	5306	Heterogeneous zircon inheritance in Late Jurassic granitic plutons within the Jiuling composite batholith, South China	Dr. Di Wang

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14:00	14:15	4563	Augite and enstatite pyroxene standards for SIMS oxygen isotope analysis and their application to Merapi volcano, Sunda arc, Indonesia	Dr. Frances Deegan
14:15	14:30	4756	Reconstructing the plumbing system of Krakatau volcano	Prof. Valentin Troll
14:30	14:45	4184	Basement controls over the composition of Andean arc magmas: Hf isotopic constraints from Central Chile (~33°-34.5°S)	Dr. Marcia Muñoz
14:45	15:00	4403	Patchy Zoned Clinopyroxenes of Pyroxenite Enclaves Observed in Pyroclastic Deposits: Implications of Decompression during Ascend of Magma	Mr. Efe Akkaş
15:00	15:15	4156	The late Mesozoic , potash-rich Volcanic Rocks in Late Mesozoic of North Yangtze and Dabie Orogenic Belt: Have Nothing to Do with Discussion on Collisional Orogenic Cycling, but Reflect Subduction Polarity and Mantle Features of the Ancient Orogenic Belt	Dr. Shiming Wang Prof. Changqian Ma Dr. Ying Yang
15:15	15:30	391	Petrology And Geochemistry Of Acid Volcanics In Cumbum Formation, Of Nallamalai Fold Belt, Rajampet Area, Andhra Pradesh, India	Ms. Munmun Chakraborty

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16:00	16:15	4497 The Aheimir Volcanic Suite (AVS) a bimodal Ediacaran Sequence from the northernmost Arabian Nubian Shield, Wadi Araba, SW Jordan: Age, Geochemistry and Petrogenesis.	Dr. Ghaleb Jarrar
16:15	16:30	485 Geochemistry and tectonic settings of metavolcanics of Chitradurga schist belt, Karnataka, India	Mr. M M Korakoppa
16:30	16:45	4687 Alkaline and Tholeiitic magmatism in the Buem Structural unit of the Pan-Africa Dahomeyide orogenic belt, Southeastern Ghana.	Mr. Daniel Kwayisi