



<b>T18.1 - Mineral Deposits and Ore Forming Processes</b>	<i>Date</i> <b>Monday, 29 August 2016</b>	<i>Time</i> <b>14:00</b> to <b>15:30</b>
	<i>Chair</i>	<i>Room</i> <b>Ballroom East</b>

Times	Paper # Title	Speaker
14:00 14:30	5292 Links between porphyry and IOCG deposits	Prof. Jeremy P. Richards      Keynote
14:30 14:45	5341 Primary fluid chemistry: the key driver of metal budgets and dispersion geochemistry in hydrothermal ore systems?	Dr. Jamie Wilkinson
14:45 15:15	3678 Vapours, Volcanoes and Ore Formation	Prof. Anthony Williams-Jones      Keynote
15:15 15:30	4735 Porphyry copper enrichment linked to excessaluminium in plagioclase	Dr. Ben Williamson

Times		Paper # Title	Speaker
16:00	16:15	2733 MINERALOGY AND CHEMISTRY OF ALTERATION ZONE ASSOCIATED WITH MASSIVE SULPHIDE ORES OF THE ARIAB DISTRICT, RED SEA HILLS, SUDAN	Dr. Samia Ibrahim
16:15	16:30	5307 The sources of ore-forming materials from the Anqing skarn type Cu-Fe deposit, Anhui Province, China	Mr. Guangshu Yang
16:30	16:45	963 Volcanic-Hosted Massive Sulphide Deposits in mainland SE Asia: Their Potential and Prospectivity	Prof. khin Zaw
16:45	17:00	1476 IOCG deposits on the Palaeozoic-Mesozoic continental margins: a deposit clan formed during basin inversion	Prof. Huayong Chen
17:00	17:15	2067 The 2650 Ma to 2600 Ma Magmatic Event and its Economic Importance for the Archean LCT Pegmatite Budget	Prof. Thomas Seifert
17:15	17:45	905 Lithospheric and tectonic settings of IOCG systems in Australia	Dr. Roger Skirrow
			Keynote

Times	Paper # Title	Speaker
	2016 New insights on a historical mine site: the Sn-W-Li Zinnwald/Cínovec deposit, eastern Erzgebirge, central Europe	Prof. Thomas Seifert
	700 Base metal mineral-bearing shear zone at Tandilia System, Precambrian Basement of Eastern Argentina	Dr. Raúl Ernesto De Barrio
	4975 Metallogeny of the Sn-polymetallic / Ag ore fields Pobershau and Rittersberg (Marienberg district), central Erzgebirge, Germany	Prof. Thomas Seifert
	4309 Preliminary study of the copper mineralization in the Sabe Taung Area, Central Myanmar.	Mr. Akihiro Goda
	3948 New mineralogical and fluid inclusion data from Sb-mineralization in the Sb-Ag mining district Schleiz, eastern Thuringia, Germany	Prof. Thomas Seifert
	3945 Metallogeny and economic potential of Mo mineralization in the Erzgebirge-Krušné hory (Saxony/Bohemia), central Europe	Prof. Thomas Seifert
	1032 Metallogenic Types and Spatial-temporal Features of Uranium Deposits in South China	Prof. Yuqi Cai
	4466 Epithermal gold and porphyry copper mineralization in the Zamboanga Mineral District, Mindanao, Philippines	Dr. Jillian Aira Gabo-Ratio
	2023 Mineralization styles related to a hidden late-Variscan granite intrusion: the district of Oelsnitz (Vogtland Synclinorium, Germany)	Prof. Thomas Seifert
	4052 Fluid inclusions and sulfur isotope constraints on the genesis of the stratiform ores of Jiguanzui Au-Cu skarn deposit, Middle-Lower Yangtze River Metallogenic Belt, Eastern China	St. Hongqiang Wang

Times		Paper # Title	Speaker
08:00	08:15	2177 A Cretaceous granite-related stratiform Cu ore hosted in Triassic basalt, SW China	Mr. Jiawei Zhang
08:15	08:30	2259 Geochronology of the giant Beiya gold-polymetallic deposit in Yunnan Province, Southwest China and its relationship with the petrogenesis of alkaline porphyry	Dr. Xiaoming Sun
08:30	08:45	1365 Nano- to micron-particulate gold hosted by magnetite from the Beiya gold deposit, SW China	Dr. Haoyang Zhou
08:45	09:00	2293 Iron-oxide apatite deposits in eastern China formed by accumulation of magmatic hydrosaline chloride liquids	Dr. Xin-Fu Zhao
09:00	09:15	3322 Nucleus deposit: a superposed (?) Au-Bi-As-Cu mineralized system at Mountain Freegold, Yukon, Canada, with constraints from molybdenite Re/Os and titanite U/Pb geochronology	Dr. Thierry Bineli Betsi
09:15	09:30	3123 Dictionema Shales and Obolus Sandstone (Phosphorite) of the Baltic Sedimentary Basin: New Type of Complex Ore for Rhenium and Uranium, Platinoids and Rare-Earth Metals	Dr. Vladimir Vyalov
09:30	09:45	3570 Molybdenite Re-Os, zircon U-Pb dating and Lu-Hf isotopic analysis of the Xiaerchulu Au deposit, Inner Mongolia Province, China	PhD. candidate Wang Jiaxin
09:45	10:00	1319 Geochemical characteristics and metallogenic significance of igneous rocks from Zhunuo porphyry copper deposit, Tibet	Mr. Ying-Chun Pang

Times		Paper # Title	Speaker	
10:30	11:00	981 The Bushveld Complex: an overview of its structure, concepts on its origin, age and outstanding controversial issues	Prof. Allan Wilson	Keynote
11:15	11:30	1164 Bushveld's base has foundered	Prof. Nicholas Arndt	
11:30	11:45	3436 Field observations bearing on the origin of UG1/UG2 chromitites in the Bushveld Complex	Mr. Rais Latypov	
11:45	12:00	3052 A step forward in understanding 3D magmatic structures and ore deposits	Dr. Emma J. Hunt	

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14:00	14:15	3833	Trace element profiles through the Bushveld UG2 chromitite: alkali mobility and post-cumulus reworking in a redox potential gradient	Dr. Robert Trumbull
14:15	14:30	3947	The emplacement mechanism of the UG-1 chromitite in the Bushveld Complex, South Africa	Dr. Ria Mukherjee
14:30	14:45	4439	Magmatic reaction and replacement phenomena associated with iron-rich melts migrating through the Upper Critical Zone, Rustenburg Layered Suite, Bushveld Complex	Prof. David Reid
14:45	15:00	2778	Results of a high resolution mineralogical and geochemical study within the Merensky reef, Western Limb, Bushveld complex	Mrs. Justine Magson
15:00	15:15	3337	In situ Sr isotope evidence for plagioclase mingling in the UG2 layer of the Bushveld complex (South Africa)	Dr. Ilka Kleinhanns
15:15	15:30	3058	Sm-Nd isotopic evidence for sampling of multiple sources during the emplacement of the Upper Critical Zone, Bushveld Complex, South Africa	Dr Roger Scoon

Times		Paper # Title	Speaker
16:00	16:15	244 Hypothesis of non-sequential injection of PGE-rich ultramafic sills in earlier-formed noritic cumulates at Akanani (Platreef), Northern Section of the Bushveld Complex: Evidence from new Sm-Nd isotopic data	Dr. Roger Scoon
16:15	16:30	4566 Distinguishing multiple sulphide zones in the Platreef within a single core from the Turfspruit Farm prospect, Northern Limb of the Bushveld Complex.	Ms. Eva Marquis
16:30	16:45	1384 Platinum-group element contents of some Karelian and Kaapvaal kimberlites: implications for the PGE budget of the sub-continental lithospheric mantle	Prof. Wolfgang Maier
16:45	17:00	3061 The metallogensis of the lithospheric mantle and its bearing on the Bushveld magmatic event: Evidence from lamprophyric dykes and critical metals in mantle xenolith sulphides	Dr. Hannah Hughes
17:00	17:15	3359 Anatomy of a LIP-forming conduit system in the Deep Crust: The Seiland Igneous Province, Northern Norway	Dr. Rune Larsen B.
17:15	17:30	4182 Offset PGE reefs revisited: equilibrium and diffusive partitioning in action	Dr. David Holwell
17:30	17:45	2843 Top down formation of the Sonju Lake intrusion (Duluth Complex USA) with implications for formation of PGE reef deposits	Dr. Craig Lundstrom

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	211 New unconventional type of zircon mineralization	Dr. Elena N. Levchenko
	3520 Petrogenesis and Geochemical Characteristics of Nangarhar Talc Deposits, Afghanistan	Mr. Muhammad Tahir
	4125 Cu mineralisation in the Neoproterozoic glacial Mwale Formation (Tenke Fungurume Mining District; Democratic Republic of Congo)	Ms. Pascal Matanda Mambwe Dr. Jacques Mwandolo Batumike
	4143 Geology and Alteration Controls of Cu-Au Porphyry Style Mineralization of the Ryabinovoe Ore Field (Central Aldan, South Yakutia)	Nadezhda Shatova
	1066 Structural and geomorphological criteria for localizing hidden deposits of rare-metal weathering crusts of diamond and kimberlite pipes	Dr. Alexander Kremenetskiy
	3777 A new occurrence of cassiterite as "wood tin" in Saxony, Germany	M.Sc. Tobias Petermann
	3115 Mineralogical characterization of Ni-Cu-PGE-bearing mafic dikes of the Lusatian Block (Germany/Czech Republic)	Prof. Thomas Seifert
	1185 Characterising potential gem quality garnet and tourmaline pegmatite veins, Giyani Greenstone Belt, South Africa	Mr. Nicolaas Steenkamp
	4477 Platinum group elements in south Longzhou Mountains, Sichuan, SW China	Dr. Marian Munteanu
	5205 Nano-entity formation prior to the crystallisation of platinum-group minerals: fundamental control by electron cloud interaction?	Prof. Marian Tredoux
	1911 To the problem of rhenium extraction in the areas of modern volcanism	Dr. Igor Spiridonov
	4038 Mineralization Features of the Kencana Au-Ag-Te Epithermal Deposit, Gosowong Goldfield, Halmahera, Indonesia	Dr. Thomas Tindell
	4056 Recognition of similarities between the Critical Zone and deep Platreef (Bushveld Complex)	Dr. Marina Yudovskaya
	4767 Mineralogy of the pegmatoidal Pseudo reef in the western Bushveld Complex, South Africa.	Mr. Emil Burger
	1850 General patterns in the distribution of gold and diamonds deposits, oil and gas fields, and accumulations of other minerals	Dr. Alexander Likhachev
	2638 The Parasitic Zircon of Mafic Dikes in the Xidaming Mountain of Guangxi Province of China and its Significance	Changhao Xiao
	83 Post collision magmatism and metallogeny at the southern part of the Balkan Peninsula, SE-Europe	Prof. Todor Serafimovski
	2149 The Discovery a Paleo-oil Reservoir and Study on Relationship between Ore Forming and Hydrocarbon Accumulation in Qinglong Antimony Deposit, Guizhou China	Dr. yuzhao Hu
	875 Rhenium bearing sands of Moscow lignite basin	Dr. Alexander Kremenetskiy
	799 Petrological and Mineralogical Characteristics Discussion of Diamond-bearing Mother Rock in Zhenyuan Area, Guizhou	Mr. Yuan Cheng Huang
	2420 Characterization of Platinum Group Element distribution in Sulphide Ores within the Merensky Reef at Modikwa and Two Rivers Platinum Mines, Eastern Bushveld Complex South Africa.	Ms. Nosibulelo Zilibokwe



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08:00	08:15	3452 Geological history of the Guayana Shield, Venezuela, and its mineralogical resources: a tale of supercontinents and mantle plumes	Mr. Vicente Mendoza
08:15	08:30	149 Deep "plugs" caught in continent-to-continent collisions, gemstones, deposits of metals, oil & gas	Dr. John Saul
08:30	08:45	3039 Thin Stringers of "Reaction" Chromitite in the Upper Critical Zone, Eastern limb of the Bushveld Complex	Dr. Roger Scoon
08:45	09:00	271 Eastern limb of the Bushveld Complex, South Africa: Geology and Geomorphology of a Uniquely Layered Ultramafic -mafic Intrusion	Dr. Roger Scoon Professor Morris Viljoen
09:00	09:15	209 Partial assimilation of calc-silicate xenoliths in the Uitkomst Complex, South Africa	Dr. Nicolaas Steenkamp
09:15	09:30	294 Controls of phosphogenesis on the Western Continental Margin of India	Dr. Adukadukkam Anil Kumar
09:30	09:45	706 Paragenetic Sequence of Sulfosalt Mineralization at Epithermal Deposits of Southwestern Hokkaido, Japan	Dr. Euis Tintin Yuningsih
09:45	10:00	5100 Smectite formation in the Úrkút Mn-ore deposit, Hungary	Mr. Mate Zsigmond Lesko

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08:00	08:15	654 Environmental significance of bulk geochemistry and metal anomalies within Hirnantian rocks of the Valongo Anticline, northern Portugal	Prof. Jasper Knight
08:15	08:30	4554 The Kamao Copper Project on the Congolese Copperbelt	Mr. George Gilchrist
08:30	08:45	3908 Basin inversion as a driver of fluid flow and Pb-Zn mineralization in the Paleoproterozoic-earliest Mesoproterozoic Mount Isa mineral province: evidence from deep seismic reflection profiling and gravity modelling	Dr. George M. Gibson
08:45	09:00	5229 Geological and Geophysical Study of the Kombat South area, Otavi Mountain Land, northern Namibia	Mr. Josia Shilunga
09:00	09:15	5352 Geology of the Kinsevere Cu Deposit, Democratic Republic of the Congo	Mr. Ahmad Saleem
09:15	09:30	419 Mineralogy and Mineral chemistry of manganese ores of the Proterozoic Sausar Fold Belt (SFB), Central India.	Mr. Ramanath Barik
09:30	09:45	1329 Metallogenic Subtypes of Sandstone Type Uranium Deposits and Prospecting Direction in Junggar Basin, China	Prof. M.K Qin
09:45	10:00	1412 Structural framework of the Maremane Dome: Selective iron ore preservation	Dr. Ian Basson

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10:30	11:00	3892 Genesis of Chromite by Dynamic Upgrading of Xenocrystic Fe ± Ti Oxide	Dr. C Michael Lesher	Keynote
11:00	11:15	4726 Crystallization of chromite and its influence on the fractionation of Os, Ir, Ru and Rh	Mr. Philippe Pagé	
11:15	11:30	3422 Chemical zonation in stratiform chromitites of the Imandra Layered Intrusion, Kola Peninsula, Russia	Dr. Sofia Chistyakova Prof Rais Latypov	
11:30	11:45	1773 Fractionation, Exsolution and Magnetism: Petrophysical Insights into PGE prospectivity in the Giles Mafic-Ultramafic Intrusive complex, Central Australia.	Dr. James Austin	
11:45	12:00	4740 Significance of Metal Tenor Variations in Cu-PGE deposits of the Coldwell Alkaline Complex, Canada: an Exploration Tool	Dr. David Good	

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10:30	10:45	1672 Structural Architecture of the CSA Cu-Ag (Pb-Zn) Deposits – A New Perspective on the Formation of the Cobar Mining Field, NSW, Australia	Dr. Roisin Kyne
10:45	11:00	2179 Physico-chemical controls on ore deposition in the La'erma and Qiongmo Au–Se deposits in the western Qinling Mountains, China	Dr. Jiajun Liu
11:00	11:15	3099 DICTIONEMA SHALES AND OBOLUS SANDSTONE (PHOSPHORITE) OF the BALTIC SEDIMENTARY BASIN: NEW TYPE OF COMPLEX ORE FOR RENEUM AND URANIUM, PLATINOIDS AND RARE-EARTH METALS	Dr. Vladimir Vyalov
11:15	11:30	3550 A Fluid Inclusion and In-Situ LA-MC-ICP-MS Sulfur Isotope Study of the Wusihe Lead-Zinc Deposit in Sichuan Province of Southwest China: Implications for Ore Genesis	Dr. Suo-Fei Xiong
11:30	11:45	4261 Source and evolution of ore fluids of the Daqiao sediment-hosted gold deposit, western Qinling orogen, China: revealed from in situ sulfur isotope analysis of sulfides	Mr. Ya-Fei Wu
11:45	12:00	4961 Genesis of the Eugui sparry Magnesite deposit, Western Pyrenees, Spain	Prof. Hamdy El Desouky

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14:00	14:15	3893	Two Melts in the Sudbury Igneous Complex	Dr CM Leshner
14:15	14:30	4469	PGE-Ni-Cu deposit formation in a deep-crustal ultramafic conduit system. The Seiland Igneous Province, North Norway	Dr. Rune Larsen B.
14:30	14:45	4091	Comparison of the style and nature of breccia-hosted Ni-sulphide mineralisation within the Munali intrusion, Zambia	Miss Chloe Louise Mitchell
14:45	15:00	3180	Assessment of the Ni-Cu-PGE sulfide potential of magmatic intrusions surrounding the Munali Ni-sulfide deposit, Zambia	Ms. Grace Howe
15:00	15:15	451	Occurrence of PGE and their characterisation in 3.35 Ga Sargur greenstones of Western Dharwar Craton, Karnataka, India	Dr. Manoranjan Mohanty
15:15	15:30	405	Ore genetic model of Heti Ni-Cu-PGE prospect, Central India: From magmatic crystallization to high grade metamorphism and hydrothermalism.	Dr. Muduru lachhana Dora

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14:00	14:15	3432 A Petrographic and Geochemical Analysis of the Kalahari Manganese Deposit, Northern Cape, South Africa	Mrs. Lauren Blignaut
14:15	14:30	1758 Gold provenance fingerprinting and prospectivity in Western Australia	Dr. Elena Hancock
14:30	14:45	2185 Application of Pyrite Trace Element Chemistry using LA-ICP-MS in exploration for stratiform Zn-Pb deposits: An example from the McArthur Basin, Australia	Ms. Indrani Mukherjee
14:45	15:00	3247 Trace element signatures of iron oxides in BIF-style iron deposits of the Middleback Ranges, South Australia	Mr. William Keyser
15:00	15:15	4651 Phosphorites' Sedimentary Event in Sinian Doushantuo period: the Cases Study of Weng'an Phosphorite and Yichang Phosphorite	Mr. Wentian Mi
15:15	15:30	1148 Metallogenic model of the Uranium deposits in Guyuan area, China	Dr. ZX Huang

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16:00	16:15	2332 Phosphorus zoning in olivine from the Fe-Ti oxide-bearing Baima mafic intrusion, SW China: implications for the origin of Fe-Ti oxide ores	Dr. Chang-Ming Xing	
16:15	16:30	5434 The Great Mineral Fields of Africa	Mrs. Susan Frost-Killian	
16:30	16:45	5438 BIF-hosted manganese deposits of Africa	Prof. Nicolas Beukes	
16:45	17:00	3111 Manganese Deposits of Africa - Black Shale Associated Deposits	Mr. Edward Swindell	
17:00	17:15	1916 Paleoproterozoic banded iron formation-hosted high-grade hematite iron ore deposits of the Transvaal Supergroup, South Africa	Dr. Albertus Smith	
17:15	17:45	1397 Structural control of fluid flow and Fe deposition at Thabazimbi Mine: Insights from mapping and 3D modelling of operational pits	Dr. Ian Basson	Keynote

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16:00	16:15	4804 High resolution U-Pb CA-ID-TIMS dating documents out of sequence emplacement of layering in the Upper Critical Zone of the Rustenburg Layered Suite, Bushveld Complex, South Africa	Dr. James Mungall
16:15	16:30	948 Formation Mechanism of Authigenic Grain-Coating Chlorite and Sequence Response: Evidences from the Upper Triassic Xujiahe Formation in Southern Sichuan Basin, China	Mr. Yu Yu
16:30	16:45	1597 Geochemistry of Trace Element of sandstone-type Uranium Deposit in Xixi Area, Bayintala Sag	Mr. Chengdong Liu
16:45	17:00	2466 Influence of reworking and transport processes of phosphatic grains on rare earth element (REE) signatures	Prof. Werner Piller
17:00	17:15	1953 Main types of Platinum-Group Element Mineralization in the Fedorovatundra layered intrusion, Kola Peninsula, Russia	Dr. Nikolay Groshev
17:15	17:30	2279 Ruangwa Graphite deposits and its characters district Ruangwa, Lindi Region, Tanzania	Dr. Shyam Ameta
17:30	17:45	3779 Textural characteristics of sulphides associated with gold mineralization at the Barberton mines, Barberton greenstone belt, South Africa.	Dr. Mohammed Alnaghasi Hassan Altigani



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	2465 Mineralogical characterization of non-sulfide Zn–Pb mineralization at Mehdiabad deposit, Iran	Dr. Flavien Choulet
	3481 The stratigraphic, petrographic and geochemical subdivision of the upper manganese ore bed of the Hotazel Formation at Kudumane Mining Resources, Northern Cape Province.	Ms. Nkhensani Hlongwani
	2700 S-C-O isotopes constrains on the ore bearing fluids of Tongchang copper deposit at Yimeng, central Yunnan	Dr. Rong Wang
	2706 The uranium-bearing stratum structure and sedimentary characteristics of Jurassic in Junggar basin, Xinjiang, China	Dr. Qiang Guo
	4891 Discovery of PGE in the Neoproterozoic sediment-hosted stratabound Cu-Ag deposit in the Kalahari Copperbelt, NW Botswana	Prof. Adam Piestrzynski
	5219 An overview on the geochemistry and palaeo-environment of manganese nodules from the General Nice Manganese Mine (GNMM) in the North West Province, South Africa	Dr. Kakaba Madi
	2852 Opportunity for Miocene aged titanium placer deposits around ultramafic Ślęża massif (Sudets, SW Poland)	PROF JANINA WISZNIEWSKA
	4908 Re-evaluating models for manganese ore genesis in the Postmasburg Manganese Field, Northern Cape, South Africa	Dr Harilaos Tsikos
	3280 Geological control of Au-Cu mineralization in the Neoproterozoic Itombwe formations of Kaziba, South Kivu (D.R. Congo).	Mr. Espoir Mugisho
	3090 Natural Gas Seepage Sedimentary Ore-forming Model in Manganese Rift Basin	Dr. QI ZHOU
	1401 Structural Setting and Geometry of the Klipbankfontein Deposit, Kolomela Mine, South Africa	Dr. Ian Basson
	3130 Ore Mineral Deposition in Black Shales, Southern Slope of the Greater Caucasus	Ms. Nona Gagnidze
	4895 The Kupferschiefer	Prof. Adam Piestrzynski
	4628 Geochemical characteristics of trace elements and their implications of the Xingyuancong Cu polymetallic deposit northwest of Jiangxi province for Qingzhou-Hangzhou metallogenic belt (QHMB), China	Mr. Xingyuan Li
	2826 The uranium enrichment of hydrothermal sedimentary rocks of lower Cretaceous in Baiyinchagan sag of Erlian basin, Inner Mongolia	Dr. Qiang Guo Prof. Zi Ying Li Prof. MingKuan Qin Prof. YuQi Cai
	2285 Geochemical characterisation of Pb-Zn-Cu and Ba mineralisation in the Lower Cretaceous sediments of the Coastal Basin, Gabon, Central Africa	Mathieu Lacorde
	1670 3D Model of the Silvermines Zn-Pb-Ba Deposits, County Tipperary, Ireland	Dr. Roisin Kyne
	707 New insights into the genesis of Bavaria's largest Cu-Zn deposit in Kupferberg (NE Bavaria, Germany)	Mr. Stefan Höhn

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08:00	08:15	5237 Uranium in Africa	Prof. Judith Kinnaird
08:30	08:45	5238 Tin in Africa	Prof. Judith Kinnaird
08:45	09:00	1818 The Hospital Sn-Nb-Ta deposit in Manono Mining District (Katanga-DR Congo): Geological and structural settings, Mineral potential.	Dr. Francois Toto Lubala
09:00	09:15	2798 Multiple tin mineralization events in Africa: Constraints by in-situ LA-ICPMS cassiterite U-Pb ages	Dr. Rongqing Zhang
09:15	09:30	3514 The Mesoproterozoic East African Nickel Belt	John Paul Hunt
09:30	09:45	4996 Rare Earth Element Deposits of Africa	Prof. Robin Harmer
09:45	10:00	1810 Kimberlites from the Kundelungu Plateau (South East D.R. Congo): Age determination, Implications for regional tectonism and mineralization.	Dr. Jacques Mwandulo Batumike

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08:00	08:15	3781 LA-ICP-MS and EMP relationships on pyrite grains from the Sheba, Fairview, and New Consort Gold Mines, Barberton Greenstone Belt, South Africa: An attempt for quantification.	Dr. MOHAMMED ALNAGASHI HASSAN ALTIGANI
08:15	08:30	3046 Characterization of the Pre-Salt, Lower Carboniferous Carbonates Reservoirs in F Block, Northern Pre-Caspian Basin of Kazakhstan: preliminary results	Ms. Siyang Zhang
08:30	08:45	3135 TEXTURAL, MINERALOGICAL AND GEOCHEMICAL PROPERTIES OF MARINE SAND RESOURCES OFF WEST COAST, INDIA .	Mr. GOPALAN VANNATHAN
08:45	09:00	3314 New trace precious metal data on carrier minerals from the Kevitsa mine, Finland	Dr. Louis Cabri
09:00	09:15	3692 New Contribution to Mineralogy of the Mussoorie Phosphorite	Dr. Dhiraj Banerjee
09:15	09:30	3593 Quebrada de la Mina, a new porphyry Au deposit (31° 29' S, 70° 32' W) in the Andean Main Cordillera of San Juan, Argentina: a petrogenetic analysis	Dr David Lentz
09:30	09:45	5490 Hydrothermal Fluid Evolution in Porphyry-Type Ore Deposits: Evidence from fluid inclusions, cathodoluminescence, and trace elements in quartz	Brian Rusk
09:45	10:00	3414 Radon, Pb-isotopes and gold mineralisation in the Witwatersrand Basin	Dr. Roger Dixon

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10:30	10:45	3354 A review of the Birimian Supergroup- and Tarkwaian Group-hosted gold deposits of Ghana	Dr. George Henry
10:45	11:00	4473 The Gamsberg Zinc Deposit South Africa: awakening of a Mesoproterozoic supergiant	Prof. Abraham Rozendaal
11:00	11:15	3312 Zeerust Fluorspar Field	Mr. Allan Saad
11:15	11:30	4862 The west coast of South Africa: Giant depository of placer titanium and zircon	Dr. Carlo Philander
11:30	11:45	3769 Environmental Impacts of Pt, Cr and V Mining in the S.W Limb of the Bushveld Complex	Dr. Fred, N. Mphephu
11:45	12:00	3759 Archaean Gold on the Kaapvaal Craton of South Africa with Special Reference to the Barberton Greenstone Belt	Mr. Trevor Pearton

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10:30	10:45	4096 Diversity of trace elements of kyanites and its petrogenetic and economic implications	Prof. Axel Muller
10:45	11:00	4467 'Trace-element-in-mineral' signatures: acquisition, interpretation and application	Prof. Nigel Cook
11:00	11:15	5127 Iron oxides: a versatile tool for geochemical fingerprinting and geochronology	Dr. Cristiana Ciobanu
11:15	11:30	885 Fluorapatite deposit in a carbonatitic environment: processes and prospects	Dr. Sophie Decrée
11:30	11:45	1177 Phosphorite deposits on the Namibian shelf	Prof. John Compton
11:45	12:00	3915 Geology, geochemistry and ore genesis of the Neoproterozoic-Early Cambrian phosphorites in South China	Prof. Shao Yong Jiang

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14:00	14:15	1858 Recent advances in understanding the 3D geometry of the Bushveld Complex using geophysical data	Mrs. Janine Cole	
14:15	14:30	3348 The Ivanplats Platreef Project, Northern Limb, Bushveld Complex	Dr. Danie Grobler	
14:30	14:45	4521 Platinum Group Metals Waterberg PGE deposit discovery.	Mr. Gordon Chunnnett	
14:45	15:15	5188 Discordant Bodies within the Critical Zone of the Bushveld Complex, South Africa: Overview and Effect on Mining and Exploration	Dr. Roger Scoon	Keynote
15:15	15:30	4560 Platinum mining in western Bushveld - A relation between primary mineral alteration and loss of recovery in PGEs	Mr. Bennard Van Heerden	

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14:00	14:15	3992 Phosphate nodules from early Cambrian black shale sequence on Yangtze Platform, South China: A geochemical and isotopic investigation and implication for diagenetic fluid evolution	Associate Prof. Jing-Hong Yang
14:15	14:30	4180 A global assessment of REE's in sedimentary phosphate deposits	Dr. Poul Emsbo
14:30	14:45	3697 Phosphate mineralization in the Vergenoeg fluorite deposit (RSA) and its implication for the origin of REE-bearing fluid alteration	Dr. Tobias Walter Höfig
14:45	15:00	4147 Messina copper-sulphide deposits revisited: Cathodoluminescence and fluid inclusion studies, Limpopo Province, South Africa	Ms. Humbulani Rejune Mundalamo
15:00	15:15	2384 Zonality and Otherness of Mineralization for Massive Sulfide Deposit in the Chengmenshan Orefield, Jiangxi Province, China	Mr. Xuhui Li
15:15	15:30	3200 Predicting Base Metal Concentrations in Crustal Fluids	Mr James Davey

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16:00	16:15	4933 THE GEOLOGICAL SETTING OF THE MERENSKY REEF AND ITS RELEVANCE TO MINING OPERATIONS – ROYAL BAFOKENG PLATINUM, STYLDRIIFT	Mr. Jaco Vermeulen
16:15	16:30	5381 V, Fe, Ti and P Mineralisation in the Upper zone of the Northern Limb	Mr Troth Saindi
16:30	16:45	4565 Developing through the Hex River Fault at 16 Shaft, Impala Platinum	Mrs. Jacolene De Klerk Mr. Bongani Nkabinde
16:45	17:00	3739 A significant vanadiferous, titano-magnetite deposit in the Tete Suite, Mozambique	Dr. Hendrik F J Theart
17:00	17:15	5310 Geological characteristics of the Iron Oxide-Copper-Gold (IOCG) deposits in the Kangdian region, SW China	Mr. Guangshu Yang
17:15	17:30	10 Chemistry of cassiterite, ferberite and columbite-tantalite samples from Rwinkwavu, Bugarura-Kuluti and Musha-Ntunga mineral districts of the South-Eastern Rwanda.	Mr. Jean-Claude Ngaruye
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16:30	16:45	340 Characterization of host rock and associated mineralization of VMS type Zn-Pb-Cu prospect at Muariya, Betul belt, India.	Mr. P Nagar R
16:45	17:00	1109 Genesis of the sandstone-hosted Baxingtou uranium deposit in the Songliao Basin, NE China	Dr. Christophe Bonnetti
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	5443 Precious metals in shear zones affecting ultrabasic rocks: examples from Western Sahara	Mr Saleh Lehib Nayem
	4938 The significance of trace element composition of Fe-Ti oxides on deciphering the PGE fractionation in layered mafic intrusions: an example from the Dufek Intrusion, Antarctica	Mrs. Ricarda Hanemann
	5107 Evidence for Milankovic cycles on the Early Earth? A cyclostratigraphic study of Precambrian iron formation	Dr. Stefan V. Lalonde
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	1130 REE Compositions of the scheelite and ore-forming material source of lode tungsten deposits in eastern Yanbian, NE China	Prof. Yunsheng REN
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	880 The carbon and oxygen isotopes of the Late Neoproterozoic-Early Cambrian Taozichong Formation in Qingzhen City, Guizhou Province, Southwest China: implication for phosphorus formation	Dr. Ruidong Yang

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08:45	09:00	444 Chromite chemistry and platinum group minerals as petrogenetic and tectonic indicators for ultramafic rocks with Alaskan-type affinities from the Attapadi valley of Bhavani Shear Zone, southern India	Mr. M.N Praveen	
09:00	09:15	731 Geological controls, environment of formation and style of copper and gold mineralization in the Mundiawas-Khera area of Alwar district, Rajasthan, Western India	Dr. VENKATESH AKELLA	
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	4856 Mineralogy and formation conditions of the Au-Ag epithermal deposit Nová Baňa (Slovakia)	Dr. Khulan Berkh
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	3964 Evidence for post magmatic hydrothermal fluids circulation through Nana anorogenic complex granites: transformation of feldspar into biotite (annite) and rare metals (Y, Zr, La, Ce, Nd) enrichment.	E Njonfang
	4612 Sulphide and PGE distribution in the 'Flatreef' at Turfspruit, Northern Limb of the Bushveld Complex, South Africa	Ms. Jarlen Beukes
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14:45	15:00	638 A review of the history and geology of the Knysna (Millwood) goldfields, Western Cape Province, South Africa. An opportunity missed?	Mr. Christopher Bargmann
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14:45	15:00	4696 Uniqueness of the Jiaodong terrane constrained by the Penglai Group, Eastern China	Prof. Hongyan Li
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