



T27.10 - Gold Mineralizing Systems (jointly sponsored by SEG and SGA) *Date* **Wednesday, 31 August 2016** *Time* **16:00** *to* **17:45**
Chair *Room* **MR 1.41 - 1.42**

Times		Paper # Title	Speaker	
16:00	16:30	1268 Geodynamic conditions of formation of large-scale gold mineralization in the Siberian craton margin.	Prof. Nikolay Goryachev	Keynote
16:30	16:45	3075 The Crustal Gold Cycle	Prof. Hartwig Frimmel	
16:45	17:00	336 Fluid inclusion studies of shear – controlled gold mineralization of G.R.Halli area, Chitradurga Schist belt, Dharwar Craton.	Dr. GOVINDAPPA GOPALAKRISHNA	
17:00	17:15	458 FLUID INCLUSION STUDIES ON AURIFEROUS QUARTZ VEINS OF KUDREKONDA-PALAVANAHALLI AREA SHIMOGA SCHIST BELT, DHARWAR CRATON INDIA: INFERENCES ON THE NATURE OF HYDROTHERMAL FLUID DURING MINERALIZATION	Ms. NIMMY K.C Mrs. SMITHA JOSEPH Mr. GIRISH KUMAR MAYACHAR	
17:15	17:30	4954 Genesis of Gold Mineralization in Kundarkocha Gold Deposit, Singhbhum Craton, Eastern India: Evidences from Host Rock Geochemistry	Dr. Venkatesh Akella	
17:30	17:45	2081 Gold deposits in the Colombian Amazonia and some of their social-environmental implications	Geologist Zeze Amaya Perea	

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08:00	08:15	455 Gold mineralization in Chitradurga schist belt, Dharwar Craton, India	Mr. Jayaprakash Mohakul
08:15	08:30	2101 High-K to shoshonitic magmatism across the northern Archean Kéména Man margin (Guinea): Implications for the late Eburnean orogenic gold mineralizations	Dr. Aurelien Eglinger
08:30	08:45	560 Hydrothermal alteration and gold mineralization of the meta-sedimentary rock hosted gold deposit Awak Mas, Sulawesi Island, Indonesia	Mr. Ernowo Harjanto
08:45	09:00	4419 Hydrothermal Fluid Evolution and its Implication on the Gold Mineralization associated with Chandil Formation within the North Singhbhum Crustal Province, Eastern India.	Dr Vandana Jha
09:00	09:15	645 Preservation of gold deposits in Jiaodong , China: constraints from biotite geobarometry and apatite Fission track data	Mr. Jianping Wang
09:15	09:30	5586 Metallogenesis of Mesozoic Orogenic Gold Deposit in Bangong-Nujiang Suture Belt: An Example from the Shangxu Gold Deposit	Dr. Guangming Li

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10:30	10:45	3353 Secular Au and PGE Sequestration in the Kaapvaal CratonicCrust, South Africa	Mr. Glen Nwaila
10:45	11:00	3632 Structural controls of fluid flow at the base of the Kagera Supergroup and implications for regional gold mineralization, Karagwe-Ankole Belt, north-western Tanzania	Mr. Corne Koegelenberg
11:00	11:15	2182 The Mineral Characteristics and Metallogenesis of Scheelite in the Zhaishang gold Deposit in the Western Qinling Orogenic Belt	Dr. Jiajun Liu
11:15	11:30	3059 The Auriferous Mississagi and Matinenda Paleoplacer Formations of the Huronian Basin	Mr. Wesley Whymark
11:30	11:45	2152 The continent of Ur and the beginning of the crustal gold cycle	Dr. Quinton Hennigh
11:45	12:00	864 Fluid Inclusion and Multiple Isotope (H, O, S, Pb) Studies of the Sandaowanzi Epithermal Au-Ag-Te Deposit, NE China	Dr. Degao Zhai

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14:15	14:30	5311 Topology of a mineralised stockwork: Sunrise Dam Gold Mine, W. Australia	Dr. Thomas Blenkinsop
14:30	14:45	3502 Why are hypozonal orogenic gold deposits restricted to Precambrian orogens?	Dr. Jochen Kolb
14:45	15:00	3283 Witwatersrand-type palaeoplacers in Brazil: Preliminary results of a comparative study between the Jacobina and Moeda gold deposits	Mr. Enzo Garayp
15:00	15:15	5582 Geology of the giant Jiaodong gold province, China	R.J. Goldfarb
15:15	15:30	1752 Use of pXRD in the quantitative assessment of alteration in epithermal Au deposits	Dr. Ian Graham

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16:00	16:30	1874 Mobility of gold during metamorphism: links between fertility, efficiency and endowment	Dr. Iain Pitcairn Keynote
16:30	16:45	1877 The mantellic connections of Neoproterozoic sanukitoid porphyry gold deposits, Abitibi, Canada	Dr. Michel Jébrak
16:45	17:00	2799 West African orogenic gold deposits: do they fit the global paradigm?	Prof. Peter Treloar
17:00	17:15	2615 Mineralogical Study and Fluid Characteristics of Olon Ovoot Gold Deposit, Southern Mongolia	Mrs. Oyungerel SARANTUYA
17:15	17:30	5585 Textures and in-situ chemical and isotopic analyses of pyrite, Huijiabao Trend, Youjiang Basin, China: Implications for paragenesis and source of S	Dr. Lin Hou
17:30	17:45	2098 Mineralizing fluids of hydrothermal gold deposits in geological history of Earth	Prof. Vsevolod Prokofiev

Times	Paper # Title	Speaker
	5250 The Origin and Formation of the Albitite Marker, Otjikoto Gold Mine, Central Namibia	Mr. Lisias Negonga

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	2187 Gold-bearing structure of Greater Altai: geotectonic position and research criteria	Professor Boris Dyachkov
	4855 A comparison of the gold fineness in the Romanian gold deposits	dr. Lucian Petrescu
	1018 Textures of Sulphides, and Association with Gold Mineralisation in the Beatons Creek Detrital Gold Deposit, Pilbara, Western Australia	Mr. Chris Gulbrandsen
	4136 High Potassium Alkaline Magmatic Rocks of the Central Aldan Ore District (South Yakutia) and Associated Gold and Gold-Uranium Mineralization	Dr. Anatoly Molchanov

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08:15	08:30	5079 The Muruntau gold deposit (Uzbekistan) - A unique ancient hydrothermal system in the southern Tien Shan	Prof. Reimar Seltmann	
08:30	08:45	4199 Metal-containing thioanions: their stability and role in gold and other element transport in hydrothermal ore solutions	Prof. Terry M. Seward	
08:45	09:00	4389 Metaltectonic evolution of North Singhbhum Fold and Thrust Belt and its Province-Scale Implications on the Gold Prospects of Singhbhum Crustal Province, Eastern India.	Dr. Sahendra Singh	
09:00	09:15	641 Structural analysis of the Bentong-Raub Suture Zone using PALSAR remote sensing data, Peninsular Malaysia: Implications for sediment-hosted/orogenic gold mineral systems exploration	Dr. Amin Beiranvand Pour	
09:15	09:45	3511 Determining hydrothermal fluid source for gold deposits through geochemistry of monazite and xenotime crystals	Dr. Ryan Taylor	Keynote
09:45	10:00	70 Possible analogs of Witwatersrand in the North Asian Craton	Prof. Victor Starostin	

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10:30	10:45	3609 Characteristics of high grade Au-Ag mineralization at the Hishikari deposits, Kagoshima, Japan	Dr. Ryohei Takahashi
10:45	11:00	2908 Towards Understanding the giant Kibali orogenic gold deposit, NE DRC.	Professor Peter Treloar
11:00	11:15	4658 Biotite and white mica composition as a vector to ore zones: deciphering hydrothermal and metamorphic effects in the Canadian Malartic gold deposit alteration halo, Québec	Mr. Nicolas Gaillard
11:15	11:30	4402 Preferential mineralisation of shallowly dipping veins at the Navachab gold deposit, Namibia	Dr. Katharina Wulff
11:30	11:45	4570 How to improve gold recovery from placer deposits in Adola Region (Southern Ethiopian Greenstone Belt)	Professor Stanislaw Wolkowicz
11:45	12:00	5449 The use of fractal analysis for gold exploration in the Manica Mutare Odzi (MMO) greenstone belt	Prof. Salvador Mondlane

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	3741 Mineralogical and Geochronological Study of Epithermal Gold Mineralization in Kerta, West Java, Indonesia	Dr. Kotaro YONEZU
	1362 Orogenic gold in greenstone belts in North-Eastern Fennoscandia	Dr. Arkadiy Kalinin
	4483 PIXE Elemental Micromaps of Gold-Uranium-Carbon Associations in Seam Carbon of the "C" -reef in the Witwatersrand Basin, South Africa	Mr. Tremain Woods
	4743 Gold mineralization and geochemistry of Rixen Deposit in Ulu Sokor area, Peninsular Malaysia	Mr. Khai Yuen Chong
	4602 Late metallogenetic processes in the Suurikuusikko gold deposit (Kittilä mine, Finland)	Dr. Marian Munteanu
	1123 Geological Features of Landslide-Accumulation Ore of the Nibao Gold Deposit SW Guizhou China	Mrs. Llan-Su Qi mr. Jian-Zhong LIU
	84 Complex gold mineralizing system of the Plavica deposit, R. Macedonia	Prof. Todor Serafimovski
	21 Precambrian Gold-Bearing Nemui Conglomerates, Eastern Siberia: Possible Analogue of the Witwatersrand Basin and a New Emerging Gold Province	Dr. Pavel Kepezhinskis
	4572 Chemical variability of ore minerals in several epithermal deposits from the Gold Quadrilateral, Apuseni Mountains, Romania	Dr. Marian Munteanu
	839 Eastern Tannu-Ola ore district of the Altai-Sayan folded area (Republic Tuva, Russia): the structural features and metallogeny	Mr. Alexandr Chernykh

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14:00	14:15	2887 Magmatism, mineralogical and hydrothermal fluids constraints in the Marmato Gold Deposit, Colombia.	Mr. Leonardo Santacruz Reyes
14:15	14:30	1987 Controls on high-grade gold mineralization at Nyabirama Gold Deposit as revealed from detailed mapping and 3-D modelling. North Mara Mine (Acacia Mining plc) - Tanzania	Mr. Sebastian Ndile
14:30	14:45	4900 Nature of Gold Mineralization at Abu Khalag, Central Bayuda Desert, Sudan.	Dr. Mohammed Alnaghasi Hassan Altigani
14:45	15:00	3555 Preliminary study on the Zibyaung gold prospect, Kyaikhto area, Southern Myanmar	Mr. Myo Kyaw Hlaing