



**T37.1 - Clays and Clay Minerals / Fluid and melt inclusion in Minerals** *Date* **Monday, 29 August 2016** *Time* **14:00** *to* **15:30**  
*Chair* *Room* **Westin - Seal/Robben**

<b>Times</b>		<b>Paper # Title</b>	<b>Speaker</b>
14:00	14:15	5425 The effect of origin on firing behaviour of kaolinitic clays	Prof. Aydin Aras
14:15	14:30	3005 Thermal stability as alternate indicator of ceramic potentials of selected South African kaolins	Dr. Lawrence Diko Makia
14:30	14:45	2156 Characteristics and environmental significance of the minerals in atmospheric dust of Shijiazhuang, China	Professor Wenlou Luan
14:45	15:00	1886 Hydrocarbons in Northern German salt domes – content, distribution, origin and structural position	Mr. Maximilian Pusch
15:15	15:30	3094 Low temperature synthesis of hydrocarbon fluid-bearing crystals	Prof. Katarzyna Jarmolowicz-Szulc
15:15	15:30	4838 The thermometric data of the high-temperature vein quartz from Wądroże Wielkie area (Fore-Sudetic Block, Poland).	Dr. Krystyna Wolkowicz

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16:00	16:15	4669 Fluid Evolution of the Zhunuo Porphyry Cu(-Mo-Au) System in Gangdese tract in Tibet,China: A Fluid Inclusion Investigation	Ms. Dai Jie
16:15	16:30	5330 Fluid inclusion characteristics of porphyry Mo systems in two contrasting tectonic environments: Insights from Shapinggou and Zhilingtou deposits in South China	Prof. Pei Ni
16:30	16:45	5327 The mechanism of metal precipitation in the Dexing giant ore cluster, South China: evidence from fluid inclusions	Dr. Guo-Guang Wang
16:45	17:00	406 The fluid evolution in shear hosted Cu-Au mineralisation at Thanewasna, Central India: Constraints from fluid inclusion and stable isotope study.	Dr. Muduru Iachhana Dora
17:00	17:15	381 Fluid inclusion characteristics of Agargaon Tungsten deposits in the Sakoli fold belt, Nagpur District, Maharashtra, India	Dr. Girish Kumar Mayachar
17:15	17:30	339 Petrogenesis and fluid inclusion study of Bismuth mineralization from Betul Belt, India.	Dr. Thankappan Pradeepkumar

Times	Paper # Title	Speaker
	4881 Clayey soils, additives for traditional pot making and artefact motives as cultural indicators in Limpopo and Free State, South Africa.	Ms Phindile Hlekane
	5215 MINERALS IN THIN SECTION: An open-access, interactive website for transmitted-light petrographic microscopy	Dr. Juergen Reinhardt
	4193 Crystal chemical principles of classifying eudialyte group minerals	Dr. Sergey Aksenov
	5255 About the presence of non-reported zeolites related to Karroo basalts at South Mozambique, a possible new commodity to use for environment protection.	Dr. Gerardo Antonio Orozco
	4596 New investigations on Zn-clays from Skorpion (Namibia)	Dr. Giuseppina Balassone

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08:00	08:15	3588 [Fe,Ni,Cu](O,S) spheroides from Catoca kimberlits eclogite xenolites	Dr. Vladimir Zinchenko	
08:15	08:45	542 Gemstones of Southern Africa: a tour of the subcontinent	Proffessor Bruce Cairncross	Keynote
08:45	09:00	3610 Geochemical characteristics of beryl from pegmatites of the Erongo Volcanic Complex, Namibia	Ms. Jullieta Lum	
09:00	09:15	554 Physical and Chemical Characteristics of Nine Diamond Parcels from the Central African Republic - Is Source Discrimination Possible?	Ms. Susan Foulkes	
09:15	09:30	728 An eclogitic and deep mantle origin of Panna Diamonds, Madhya Pradesh, India: Evidence from morphological and Raman Spectroscopic studies.	Ms. Aparajita Bhattacharya	
09:30	09:45	1693 Modern Mining of Primary and Secondary Gem Deposits in Mogok, Myanmar	Mr. Brendan Laurs	
09:45	10:00	1705 An unusual ruby-sapphire transition in megacrystic corundum, New England gem field, New South Wales, Australia	Mr. Stephen Harris	

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10:30	10:45	1766 Origin of rubies from the Paranesti region, North-Eastern Greece	Ms. Kandy Wang
10:45	11:00	4013 Blue sapphires in syenite pegmatites from Ilmen Mountains, South Urals	Dr. Elena S. Sorokina
11:00	11:15	1438 Polyoxoniobates from Cajati, São Paulo, Brazil	Dr. Daniel Atencio
11:15	11:30	1462 New microlite-group minerals from Volta Grande Pegmatite, Minas Gerais, Brazil	Dr. Marcelo Andrade
11:30	11:45	1755 Geochemistry and Raman spectroscopy of micas associated with greisens in the Poimena granite, NE Tasmania	Dr. Jan van Moort
11:45	12:00	4747 Relation of magnetite composition to magnetic susceptibility in Mauritian basalts	Mr. Yashirvad Thakuridin

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14:00	14:30	2918 An overview on new platinum-group minerals and their synthetic analogues	Dr. Anna Vymazalova	Keynote
14:30	14:45	1486 Osbornite (TiN): Implications for an extraterrestrial origin of carbonado-diamonds	Prof. Gopalakrishnarao Parthasarathy	
14:45	15:00	5353 Computational modelling studies of the minerals sulphides with the pentlandite structure.	Dr. Mofuti Mehlape	
15:00	15:15	5005 Element mobilization resulting from mineral replacement reactions	Dr. Christine V. Putnis	
15:15	15:30	5200 Simulation study of Au occurrence state in arsenopyrite crystal	Pro. HongYing Yang	

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16:00	16:15	1686 Polymorphs and morphologies of calcium carbonate induced by inorganic and organic additives	Dr. Hong Li
16:15	16:30	3501 Cost Comparison of Sample Preparation for the Mineralogical Community - Primitive Techniques vs Advanced Mechanical Techniques	Mr. Igor Tonzetic

Times	Paper # Title	Speaker
1628	Taranakite in few fossil bat-guano deposits from caves in Southern Romania	Dr. Delia-Georgeta DUMITRAS Dr. Stefan MARINCEA
1452	Origin and genesis of alluvial sapphires from the Orosmayo region, Sierra de Rinconada, Jujuy Province, northwest Argentina	Mr. Stephen Harris
1715	Viridine, Piemontite and Epidote Group Minerals from Thassos Island, Northern Greece	Dr. Ian Graham
3346	The formation of gahnite (Zn-spinel) and Zn-bearing staurolite in the Big Syncline East, Aggeneys terrane, Namaqua Metamorphic Complex, South Africa	Dr. Peter Horvath
2532	Automated mineralogy analysis as a first approach to recognize olivine-hosted melt inclusions in lavas from the Central Volcanic Zone (CVZ), Chile	Dr.(c) Osvaldo González-Maurel
5481	Thermobaric characteristics of fluid inclusions in subsalt sediments of east part of Precaspian basin	Dr. Talgat YENSEPBAYEV
357	Fluid Inclusion studies of high grade granulite terrain of Sivasamudram - Satnur area, Southern Karnataka, India	Dr. Girish Kumar Mayachar
3444	Plagioclase morphology and compositional variation determined using automated mineralogical analysis: What does it mean?	Dr.(c) Osvaldo González-Maurel
1632	The W–Mo polymetallic deposit in the andraditic skarn from the upper Mraconia Valley (Almăj Mountains, Romania)	Dr. Stefan Marincea