



T20.1 - Petroleum systems of the On-shore basins of Africa (convened by Tullow Oil Ltd)		Date	Monday, 29 August 2016		Time	14:00	to	15:30
		Chair			Room	MR 1.43 - 1.44		

Times		Paper #	Title	Speaker	
08:00	08:15	5643	Introduction	Dr. Ian Cloke	
14:15	14:45	3036	The Influence of the Timing of Subsidence and Climate in determining whether Individual Rift Basins will become Petroliferous or not.	Mr. Paul Burden	Keynote
14:45	15:15	4913	The Petroleum System of the South Lokichar Basin, Kenya (EARS)	Mr. Gion Kuper	

Chair

Room

MR 1.43 - 1.44

Times		Paper # Title	Speaker
16:00	16:30	5492 Oil Reservoirs and Traps in the Albertine Rift of Uganda	Richard Steele
16:30	17:00	5491 The Mid Zambezi Basin – could this be the ‘Karoo’ basin that works?	Nigel Quinton
17:00	17:30	5178 Developing a regional geological framework for the Horn of Africa	Dr. John Fisher

Times	Paper # Title	Speaker
	47 Impact of the Oil Exploitation on the Abertine Block: Case of the Virunga National Park at the East of DR Congo	Mr. Bora Uzima Bahavu
	2737 The Combination of Carboniferous Volcanic Reservoir Spaces and Hydrocarbon Storage Modes	Professor Yang Shaochun
	22 Petroleum System: from Conventional to Unconventional	Prof. Jingzhou Zhao
	1827 PETROLEUM SYSTEM MODELLING OF THE EASTERN BARENTS SEA BASIN	Dr. Petr Sobolev
	785 China Oil and Gas Exploration & Development Current Situation and Trend	Dr. Hong Wang
	373 Formation and evolution of Weiyuan-Anyue extension-erosion groove in Sinian system, Sichuan Basin	Miss Ying Li
	1963 Evaluation of Seismic Reflection in the Kalahari Karoo Basin, Botswana	Mr. Onkgopotse Ntibinyane
	3323 Gas and Petroleum Operating necessity of Virunga Park and Lake Kivu / DRC face of the imperatives of protection Environnement, Biodiversity and Development.	Mr. Kiro Kubuya
	3731 Health safety and environmental aspect in petroleum in Africa.	Mr. Benjamin Kering
	3030 An investigation of key seismic attribute analysis of the Whitehill Formation in the Karoo Basin	Mrs. Wahiebah Hoosain Daniels

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08:00	08:30	5063 Muftah S Ajdabya University , El-Ekhfifi S National Oil Corporation , Musbah B National Oil Corporation	Mr. Saleh Muftah Mr. Salah S. El-Ekhfifi	
08:30	09:00	506 Record Drilling Research Wells in the Karoo Basin	Dr. Hermann Lauferts	
09:00	09:30	5523 Petroleum Prospectivity and Geological Challenges of the Offshore East African Margin	Andrea Degli Alessandrini	Keynote
09:30	10:00	5522 Petroleum systems of East Africa; insights from Exploration activity in Tanzania and Kenya	Niall Sayers	Keynote

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10:30	11:00	5519 Successful Lithology and Fluid Prediction based exploration in East Africa, Tanzania, Block 2	Edwin Schomacker	Keynote
11:00	11:30	5524 The outstanding exploration successes of Rovuma Basin after 60 Years of disappointing results in East African Coastal Basin.	Marco Orsi	Keynote
11:45	12:00	1318 Regional interpretation of seismic horizons along the east coast of South Africa	Mr Sean Davids	

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14:00	14:30	2874 The Petroleum System of the Walvis and Orange Basins, Namibia	Dr. Marcio Rocha Mello	Keynote
14:30	14:45	1145 Petroleum geology of the A-J graben, Orange Basin, South Africa	Mr. David van der Spuy	
14:45	15:00	3666 Petroleum Systems of the Angolan Margin	Dr. Laura Mackay	
15:00	15:15	1679 The Petroleum Geology and Hydrocarbon Potential of the Atlantic Margin Basins of Namibia	Mr. Matthew Taylor	
15:15	15:30	3214 The prospectivity of the deep water Orange Basin, offshore Namibia and South Africa	Mr. Piet Lambregts	

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16:00	16:15	1076	Upper Cretaceous to recent paleo-submarine channel seismic stratigraphy in the Southern Orange Basin, offshore South Africa	Mr. Jonathan Salomo
16:15	16:30	5529	Petroleum systems of West Africa salt Basins: a review	Mr. Delhaye-Prat Vincent
16:30	16:45	5536	Petroleum Systems of the Tano-Ivorian Basin, Gulf of Guinea	Dr. Justine Tinker
16:45	17:00	5535	Petroleum System Analysis of the Deepwater Mauritania/Senegal Basin	Tracy Henderson

Times	Paper # Title	Speaker
	1029 Silicification of Ordovician dolomite reservoirs, Tarim Basin, NW China	Mr. Shaonan Zhang
	131 Well log sequences stratigraphy and potential reservoirs of wells KF-1 and KF-2; Kribi oil field, Douala-Kribi-Campo Basin, Cameroon.	Mr. Nkwanyang Lionel Takem
	1900 Origin of oil and gas and profitable exploration areas in the Platform of Tarim Basin, NW China	Prof. Zhi Jun Jin
	5411 History and present day of crude oil and natural gas production in Poland	Professor Stanislaw Wolkowicz
	760 Characteristics of Hydrocarbon Migration in the Slope of Superimposed Foreland Basin of South Junggar, NW China	Prof. Luofu Liu
	5407 A REGIONAL NORTH- SOUTH CROSS SECTION THROUGH THE GHADAMES BASIN AND ITS IMPLICATIONS TO HC POTENTIAL IN THE GHADAMES BASIN AND THE NORTHERN AREAS AROUND JABAL NAFUSAH, LIBYA	Mr. Salah S. El-Ekhhifi Mr. Salah S. El-Ekhhifi
	1735 Characteristics of Carbon and Oxygen Isotopes in Carbonate in Lucaogou Formation and Its Significance on Palaeolake in Jimsar Sag	Mr. Changsheng Qu
	3349 Geochemical signature of the Late Devonian events in the Rhenish Massif, the Holy Cross Mountains and the Carnic Alps	Dr. Agnieszka Pisarzowska
	2003 Characterization of Compact Carbonate Pore-Throat Network Systems using NMR and Nano-CT Techniques: Case Study from Xiagou Formation (K1g) in Qingxi Sag, Jiuquan Basin, China	Mr. Yan Zhao
	532 The hydrocarbon trap distributional patterns of the simple slope area of a continental basin: a case study from the Songliao basin, China	Prof. Hongyu Wang
	533 UNLOCKING NEW PETROLEUM SYSTEM BASED ON OUTCROPS, PETROGRAPHIC DESCRIPTION AND MEASURE SECTION IN NORTH SERAYU FRONTIER BASIN	Mr. Muhammad Nashir
	1351 The Jurassic strata in the Polish Lowlands (central Poland) - future of unconventional sources?	Dr. Pawel Kosakowski
	2921 Identification and Localization of Oil and Gas Perspective Zones and Large Objects Based on Regional Volumetric Modeling	Dr. Mikhail Afanasyev
	4719 The three-dimensional description for fracture-cavity carbonate reservoirs in Tahe Oilfield, Tarim Basin	Mr. Changcheng Han
	1624 Analyses on Formation Conditions of Paleogene Stratigraphic-lithologic Reservoirs in Large Slope Area in Qikou Sag, Bohai Bay Basin	Mr. Wenzhong Han
	1601 The study of thermal effect on turbidites of Taciba Formation (Permian), south of Paraná Basin, Brazil, using X-ray microtomography and palynofacies	Mr. Lucas Vieira
	1509 Palaeo-tufa from Liuhuanggou No 2 cave in the Ordovician carbonate, North Tarim basin, China: features and petroleum significances	Professor Jianhua Zhong

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08:00	08:15	5644	Introduction	Paul W Britt
08:00	08:15	448	Evaluation of the production potential of reservoir and spatial distribution of permeability and estimation of porosity, based on geostatistics modelling in Dezful embayment	Dr. Bahram Habibnia
08:30	08:45	493	Application of High-Resolution Sequence Stratigraphy in Rift Lacustrine Basin – A Case Study of Shahejie Formation, Paleogene, Gaoliu Area, Northeast Bohai Bay Basin, China	Mr. Xue Song Fan
08:45	09:00	2779	Characteristic of Migration and accumulation of oil and gas of Fuyang reservoir in Changyuan and the west area, Daqing, Songliao Basin, China	Dr. Lizhi Shi
09:00	09:15	446	Correlation of Thermal Maturity Parameters Using Geochemical Methods in Azadegan Oil Field	Dr. Bahram Habibnia
09:15	09:30	2684	Discovery of the Jurassic oil under the coverage of volcanic rocks, Tuquan Basin, NE China	Dr. Chen Shuwang
09:30	09:45	2516	Geochemical Analysis and Origin of Gas in Volcanic Reservoirs of the Songliao Basin in China	Prof. Shizhen Tao
09:45	10:00	859	Geological Characteristics and Hydrocarbon Accumulation Model of Sinian-Cambrian Plays in Sichuan Basin, Southwest China	Dr. Anna Xu

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10:30	10:45	193	Hydrocarbon migration mechanism and accumulation model of ultra-deep carbonate rocks: a case from China	Dr. Jingdong Liu
10:45	11:00	2688	Origin Mechanism of Reservoir Tightness and "sweet spots" Prediction of Deep Tight Sandstone Gas Reservoir in Tuha Basin, China	Professor Yang Shaochun
11:00	11:15	2976	Reservoir characteristics, formation mechanisms and petroleum exploration potential of volcanic rocks in China	Dr. Zhiguo Mao
11:15	11:30	3980	Seismic Multi-attribute Optimization Technology and The Application In The Reservoir Prediction Of Carbonate Fracture	Mr. Changcheng Han
11:30	11:45	1554	The role of mobile shale in forming fold belt anticlines and hydrocarbon accumulations in Sabah Basin, Malaysia	Dr. Binh Nguyen
11:45	12:00	1506	The ultra deep water of Bohai bay basin in Paleogene: Its significance of oil and gas	Dr. Yong Li

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14:00	14:30	5609 The Global Energy Transition: Fundamental Matters	Dr. Scott W. Tinker	Keynote
14:30	14:45	489 Light phenomena used to search for hydrocarbon deposits	Dr. Valentino Straser	
14:45	15:00	2777 Dynamic Evaluation Method of Low Porosity and Permeability Sandstone Reservoir	Ms. Di Sun Mr. Zheng Dong	
15:00	15:15	4424 Combining rock physics simulation and Gaussian statistical technique to identify Fizz water and gas saturated reservoirs	Mr. Nisar Ahmed	
15:15	15:30	3049 Fluvial reservoir architecture characterization of maturing oilfields with seismic sedimentology method: take X Block of Gudong oil field as an example	Dr. Xianguo Zhang	

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16:00	16:15	1380 Drilling of a 15 km super-deep well – a new stage in search for large and unique hydrocarbon accumulations in the Precaspian basin	Dr. Baltabek Kuandykov
16:15	16:30	1482 The properties of granular, fractured and cavernous reservoir rocks	Dr. Marat Mailibayev
16:30	16:45	2526 Metal anomalies in Geogas above oil reservoir and its significance for oil exploration	Ms. Lulu Yuan
16:45	17:00	2663 New technologies for Petroleum systems exploration and geological risks minimization	Dr. Alexei Soloviev
17:00	17:15	3470 The type, characteristic and effect of the overpressure fracture in shale of Eastern China	Mr. Luan Guoqiang
17:15	17:30	1280 Petroleum prospectivity and CO2 storage assessment in the offshore Browse Basin, North West Shelf, Western Australia & Ashmore and Cartier islands	Mrs. Megan Lech
17:30	17:45	3327 Theory of Petroleum Geology and Exploration in Superimposed Sedimentary Basins around China	Dr. Dengfa He

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16:00	16:15	2345 Identification of sedimentary-diagenetic facies and reservoir property prediction: An example from the Eocene beach-bar sandstone in the Dongying Depression, China	Dr. Jian Wang
16:15	16:30	2105 Total Organic Carbon from well logging in the Silurian and Ordovician shale gas formations in Poland	Prof. Jadwiga Anna Jarzyna
16:30	16:45	3336 Russian Arctic Shelf Oil&Gas: present and future	Dr. Andrey Chernykh
16:45	17:00	4429 Looking for hydrocarbon occurrences by the airborne transient soundings	Dr. George Trigubovich