

**T30.1 - Geology and Tectonics Of the Himalayan Orogenic Belt***Date* **Monday, 29 August 2016***Time* **14:00** *to* **15:30***Chair**Room* **Auditorium 1**

Times		Paper # Title	Speaker	
14:00	14:30	3410 Himalayan coesite eclogites: ages and characteristics of prograde, peak and exhumation features and geotectonic implications	Prof. Patrick O'Brien	Keynote
14:30	14:45	3993 Detrital zircon micro-geochronology across the Main Central Thrust (MCT), Uttarakhand Himalaya: Implications for Lesser Himalaya and Higher Himalayan terrane characterization.	Pulok K Mukherjee	
14:45	15:00	167 Experimental Study of the Blueschists and Marble-bearing High Pressure Metamorphic Belt of Rongma Area in the Central Qiangtang, Tibet	Prof. Guo-Li Yuan	
15:00	15:15	236 Combining petrographic and geochemical studies to understand the mode of emplacement of Himalayan granites from Arunachal Pradesh, Northeastern India	Dr. SANTANU BHATTACHARJEE	
15:15	15:30	434 Rare occurrence of Gahnite in Main Central Thrust zone of Western Arunachal Himalaya, Arunachal Pradesh, India: implications for Shear heating	Dr. SANDIP NANDY	

Times		Paper # Title	Speaker	
14:00	14:30	3932 How to make a triple junction – new evidence for the assemblage of Gondwana along the Kaoko-Damara Belts, Namibia	Dr. Cees Passchier	Keynote
14:30	14:45	3472 Dating rocks from the Central Zone, Damara belt, Namibia: Time constraints on orogenic events	Dr. Gerrit de Kock	
14:45	15:00	247 Volcanic arc turbidites of the Ediacaran Rocha Formation linked to the Brasiliano Orogeny and Kalahari Craton (Cuchilla Dionisio Terrane, Uruguay)	Dr. Gonzalo Blanco	
15:00	15:15	5034 Contrasting cooling rates of two Brasiliano terranes in SE Brazil using 40Ar/39Ar data – the Gondwana collage propagates through the Silurian -Devonian	Dr. Renata S. Schmitt	
15:15	15:30	4963 Timing of tectonic events in the Central Zone and the case for subduction in the of the Damara Belt, Namibia	Dr. Luke Longridge	

Times		Paper # Title	Speaker
16:00	16:15	790 Tectonic setting of the Lohit Granitoid Complex (LGC) in Trans Himalayan Belt, Arunahcal Pradesh, India: A Geochemical approach	Mr. D ADHIKARY
16:15	16:30	2168 Tectonic-Magmatic-Metallogenic System of Deqen-Yangla Area within the Jinshajiang Orogen	Dr. Prof. Pusheng Zeng
16:30	16:45	4377 Seesaw-type to integral growth in the Cenozoic Longmen Shan thrust belt, eastern margin of Tibetan Plateau	Ms. Ming Sun
16:45	17:15	5122 The Himalayan Seismogenic Zone: A New Frontier for Earthquake Research	Prof. Larry Brown
17:15	17:30	305 Genetic Process Underlying the Mw 7.8 Nepal Earthquake Sequence	Prof. Jiagui Zhang
17:30	17:45	1111 Postseismic deformation associated with the 2010 Yushu, China Ms7.1 earthquake from GPS measurements	Prof. Guo-jie Meng

Keynote

Times		Paper #	Title	Speaker	
16:00	16:30	4955	Tethyan ophiolites: Products of rift-drift, seafloor spreading & subduction zone tectonics of marginal basin evolution following the Gondwana breakup	Dr. Yildirim Dilek	Keynote
16:30	17:00	727	Detachment faulting at the Mid-Atlantic Ridge	Dr. Catherine Mevel	Keynote
17:00	17:15	2077	Volcanic Rocks and Kindred Sediments of the Ophiolite Belt of Indo-Myanmar Ranges of Northeast India and Implications on the Tectonic Setting of the Continental Margin Basin	Dr. Mangi Khuman Chabungbam	
17:15	17:30	1714	The Paleo-Tethys ophiolite in the Qiangtang Block, north Tibet, China	Dr. Qing Guo Zhai	
17:30	17:45	3896	Neogene orocline of central Japan and TTT-Triple junction consequence (A review): A hint for emplacement of oceanic and serpentinite bodies	Dr. Yujiro Ogawa	

Times		Paper #	Title	Speaker
08:00	08:15	1688	Neotectonically controlled block tilting and its influence on drainage and soil characteristics of the Sone megafan: A study of the Himalayan tectonics to the south of the Ganga River	Dr. Pitambar Pati
08:15	08:30	4351	The Mw 6.7, 2016, Imphal earthquake and its implications on the seismic hazard along the Indo-Burmese plate	Ms. Revathy Parameswaran
08:30	08:45	4300	Interpreting bedrock uplift and channel morphology for tectonic interpretation in Alaknanda valley, Garhwal Himalaya, India	Dr. Naresh Rana
08:45	09:00	4694	Exhumation and weathering history of the Himalayan frontal system	Dr. Ryan McKenzie
09:00	09:15	4724	The identification of the orographic barrier in Chenab River Basin and its role in the slope stability condition	Dr. Ravindra Pratap Singh Prof. Chandra Shekhar Dubey
09:15	09:30	2838	Ar/Ar ages from the Shergol blueschist unit, Indus suture zone, Ladakh: preservation of early stages of subduction of the Neotethys	Dr. Johann Genser
09:30	10:00	4009	Cenozoic Continental Subduction in the NW-Himalaya: from steep to sub-horizontal configuration of the Indian Plate	Dr. Arvind K. Jain
				Keynote

Times		Paper #	Title	Speaker	
14:00	14:30	150	Constrain multistage deformation using FIAs, Garnet Lu-Hf and Monazite U-Pb dating- A case study of north Qilian, China	Dr. Hui CAO	Keynote
14:30	14:45	685	Geochemical and geochronological studies on two bimodal magmatism in the eastern Tianshan Belt, Northwest China and implications for the Later Paleozoic tectonic evolution	Dr. Xijie Chen	
14:45	15:00	688	India-Asia collision near the western syntaxis: paleomagnetic constraints from Late Cretaceous volcanic rocks at the westernmost Lhasa Terrane	Dr. Zhiyu Yi	
15:00	15:15	852	Kinematics, fabrics and geochronology analysis in the Médog shear zone, Eastern Himalayan Syntaxis	Dr. Hanwen Dong	
15:15	15:30	1750	Discussion on Cenozoic tectonic evolution and tectonic dynamics of the Huanghua depression	Dr. Min Dong	

Times		Paper #	Title	Speaker
10:30	10:45	2623	Geochemistry, zircon U-Pb geochronology and Lu-Hf isotope of granitoids and microgranular enclaves from Ladakh batholith, Indian Himalaya: Evidence of synchronous mixing-fractionation and chemical re-equilibration	Prof. Santosh Kumar
10:45	11:00	1984	Reconstruction of the Himalayan Architecture: Insights from the Tethyan Himalayan Decollement and the Great Himalayan Thrust	Prof. Zhiqin XU
11:00	11:15	109	Tectonic Framework of Orogenic belts and Basins System in abdomen of Asia	Mr. Yang Zhanlong
11:15	11:30	3939	Timing of tectonic evolution of the East Kunlun Orogen, Northern Tibet Plateau	Dr. Yunpeng Dong
11:30	11:45	1873	Paleomagnetic results from the Early Cretaceous lava flows: Constraints on the paleolatitude of the Tethyan Himalaya and the India–Asia collision	Dr. Tianshui Yang
11:45	12:00	2514	Integrating themokinematic models and balanced cross sections to determine the geometry, sequence and rate of faulting through the eastern Himalaya.	Dr. Nadine McQuarrie

Times		Paper # Title	Speaker	
10:30	11:00	5216 Thermal softening of continental crust, strain localization, and low-pressure, high-temperature metamorphism: Insights from the Mary Kathleen Zone, Mount Isa Inlier (Australia)	Dr. Juergen Reinhardt	Keynote
11:00	11:15	2607 Fluid-induced Strain localization and the Fe enrichment-A case study of the Gongchangling Iron Mine, NE China	Dr. Qing Zhang	
11:15	11:30	2755 An Appraisal of Precambrian Geology of Coastal Maharashtra, India	Dr. Lalitkumar Kshirsagar	
11:30	11:45	2883 Indo-Asian Collision: Tectonic Transition from Compression to Strike Slip	Prof. Zhiqin XU	
11:45	12:00	3120 Post Indian plate-Kohistan Island Arc collision tectonics of the northwest Himalaya at the Main Mantle Thrust, Lower Swat, Pakistan	Dr. Asghar Ali	

Times		Paper # Title	Speaker
14:00	14:30	2725 Key challenges in Himalayan tectonics and climate-tectonic interactions	Dr. Alex Webb
14:30	14:45	4817 Geochemistry and Tectono-Sedimentary Evolution of Surma Basin, Mizoram, India	Mr. BUBUL BHARALI
14:45	15:00	168 Discovery of Middle-Late Triassic Conodonts within accessory complexes of South Qiangtang in the region of Tibetan Marigangri (China) and its tectonic significance	Prof. Gen-Hou Wang
15:15	15:30	258 Neo-tectonic activity in Sarpang Re-entrant, frontal Bhutan Himalaya, Kokrajhar District, Assam, India constrain from Geological, Geomorphological and GPS surveys.	Mr. Tanay Dutta Gupta

Keynote

Times		Paper #	Title	Speaker	
08:00	08:30	5560	Geodynamic reconstruction and metallogeny of the Tien Shan, Uzbekistan	Prof. Reimar Seltmann	Keynote
08:30	08:45	289	Neoproterozoic diamictites-bearing strata in the Tarim and Yili Blocks and their constraints on the Precambrian evolution of microcontinents in the Central Asian Orogenic Belt	Dr. Wenbin Zhu	
08:45	09:00	602	The Silurian- Carboniferous in the north and south of Karamaili tectonic zone (Xinjiang): Tectono- Sedimentation	Dr. Lei Zhao	
09:00	09:15	607	Determination of the early Paleozoic granite in Zhifang area, East Junggar, Xinjiang, NW China and its geological implications	Dr. Qinqin Xu	
09:15	09:30	739	Ancient continents among the accretionary complexes of the Central Asia Orogenic Belt: in situ Os isotope evidence	Dr. Kuo-Lung Wang	
09:30	09:45	2643	The magmatic conditions and geodynamic setting for the Carboniferous volcanic eruption type iron deposits in West Tianshan, China	Dr. Zhongping Ma	
09:45	10:00	3300	Relationship of Tarim Craton to Central Asian Orogenic Belt: insights from Devonian intrusions in northern margin of Tarim Craton, China	Dr. Qie Qin	

Times		Paper # Title	Speaker
08:00	08:15	403 Mid-Neoproterozoic magmatic evolution in the northeastern margin of the Indochina block, SW China: Geochronological and petrogenetic constraints and implications for Gondwana assembly	Mr. Xuexiang Qi
08:15	08:30	487 Palaeomagnetism of dykes from southwest coast of India: Implication for India-Madagascar pre-drift configuration	Dr. Mathew Joseph
08:30	08:45	857 How far does the cryptic Mawson palaeocontinent extend within East Antarctica and was it sourced to form a Columbian cover in the Princess Elizabeth Land?	Dr. Evgenii Mikhalskii
08:45	09:00	1162 Queue tectonics, roundabout tectonics, and the opening and closing of narrow ocean basins	Dr. Åke Johansson
09:00	09:15	1456 A re-evaluation of the Kumta Suture in southwest India and its extension into Madagascar	Ms. Sheree Armistead
09:15	09:30	1771 Hard and fast or soft and slow: rates of crustal reworking and orogenesis in the North Atlantic Region	Dr. Christopher Spencer
09:30	09:45	2501 U-Th-Pb and Hf isotopic studies of zircon from the West Congo Belt of NW Angola and the adjacent igneous basement	Mr. Andreas Gärtner
09:45	10:00	2518 From Rodinia to Pangea: Geologic and isotopic evidence for an entire supercontinent cycle in the Chiapas Massif Complex, Southern Mexico	Dr. Bodo Weber

Times		Paper #	Title	Speaker	
08:00	08:30	1985	How deep (and hot) is a diamond?	Professor Paolo Nimis	Keynote
08:30	08:45	3267	The source of methane-bearing diamond fluids: C-N isotope and trace element constraints from Zimbabwe diamonds	Dr. Karen Smit	
08:45	09:00	4094	Density structure of the cratonic mantle in Siberia, correlations with mantle petrology and kimberlite distribution	Prof. Irina Artemieva	
09:00	09:15	3625	Early Archean onset of plate tectonics suggested by oldest confirmed diamonds – evidence from the Witwatersrand	Dr. Katie Smart	
09:15	09:45	1716	Diamond Tectonics and Geotectonics - How do they intersect in the Archean	Dr. Herwart Helmstaedt	Keynote
09:45	10:00	352	Dwyka-age diamondiferous eskers in the Lichtenburg/Ventersdorp diamond fields, North West Province, South Africa.	Dr. Michiel Cornelis Jan De Wit	

Times		Paper #	Title	Speaker
10:30	10:45	849	Geochronology of Detrital Zircons from Schist in Kyrgyz South Tianshan: Evidence for the Provenance of Metamorphic Sediments in the Accretionary Complex	Dr. Bo Chen
10:45	11:00	1027	Crustal growth and reworking of the southeastern Central Asian Orogenic Belt during late Paleozoic: Evidence from the magmatism in central Inner Mongolia, China	Dr. Jianfeng Liu
11:00	11:15	1117	The timing of the closure of southern Tianshan Paleozoic Ocean: evidence from detrital zircon dating in Northwestern Tarim margin	Prof. Jinyi Li
11:15	11:30	1173	A geotraverse across two paleo-subduction zones in Tien Shan, Tajikistan	Dr. Dmitry Konopelko
11:30	11:45	1245	Zircon U-Pb ages and Hf Isotopic characteristics of Paleozoic granitoid intrusions from the Baluntai Region, Central Chinese Tianshan: Implications for Tectonic Evolution and Continental Growth	Dr. He Huang
11:45	12:00	1290	Sedimentological constraints on the final time of various terranes amalgamation in the Northern Xinjiang, China	Dr. Kai Weng

Times		Paper #	Title	Speaker
10:30	10:45	2647	Itinerant Siberia during the Neoproterozoic	Ms. Nadezhda Priyatkina
10:45	11:00	3569	Ordovician fragmentation of Gondwana: Integrated magmatic – sedimentary – structural record of the Variscan domain	Prof. Dominique Chardon
11:00	11:15	3751	Neoproterozoic Supercontinent Kenorland: geological and paleomagnetic data	Dr. Aleksandr Slabunov
11:15	11:30	3870	A folded Himalayan-style collisional-orogen model for the origin of the Limpopo belt in South Africa: Implications for reconstructing an amalgamated Archean craton	Professor An Yin
11:30	11:45	4624	Not so subtle constraints from the Phanerozoic on Precambrian plate reconstructions	Dr. Bruce Eglington
11:45	12:00	4914	Extent and character of a Paleoproterozoic cratonic-scale lower crustal domain in Arctic Laurentia: implications for tectonic processes during assembly of Nuna	Ms. Edith Martel

Chair

Room

Westin - Ballroom West

Times		Paper #	Title	Speaker	
10:30	11:00	3984	Illuminating craton architecture using deep-probing electromagnetic studies	Prof. Alan Jones	Keynote
11:00	11:15	4081	Kyanite-bearing eclogite xenoliths from the Udachnaya kimberlites, Siberia	Mrs. Ioana-Bogdana RADU	
11:15	11:30	1445	Mapping Off-Craton Subcontinental Mantle Lithosphere Growth and Destruction in the Southwest United States Using Os isotopes	Dr. Alan Brandon	
11:30	12:00	1650	Water in the cratonic mantle lithosphere	Dr. Anne Peslier	Keynote

Times		Paper #	Title	Speaker
14:00	14:15	1315	Neoproterozoic magmatism and its tectonic significance in northern Altyn Tagh tectonic belt	Mr. XianFeng Zha
14:15	14:30	1320	Cenozoic deformation in coupling regions on both sides of Tian Shan and its constraint on the mineralization of sandstone-type uranium deposits	Dr. Zhengle Chen
14:30	14:45	1458	Late Paleozoic mesoscopic tectonic deformation of the South Tian Shan	Dr. Jiang Liu
14:45	15:00	1465	Research on Metallogenic System of Gold and Copper Deposits in the Middle Section of Eastern Tianshan, Xinjiang, China	Professor Bin Cui
15:00	15:15	2513	End-Permian to mid-Triassic terminal orogeny in the Beishan orogenic collage, NW China	Prof. Wenjiao Xiao Dr. Songjian Ao
15:15	15:30	2564	Petrological Evidence for Mantle Plume of Later Carboniferous-Permian in the Northern Bogda Mountains, Xinjiang, NW China	Dr. Xiaohu Zhou

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Room

Westin - Ballroom East

Times		Paper #	Title	Speaker	
14:00	14:15	5422	Palaeoproterozoic palaeomagnetism and the geodynamic setting of the Indian shield within the early supercontinental reconstructions	Dr. Radhakrishna Tallavajhala	
14:15	14:30	5424	The Ribeira belt in the Context of Supercontinent Cycles	Dr. Monica Heilbron	
14:30	14:45	5494	The life cycles of mantle plumes and superplumes: observations, modelling, and geodynamic implications	Prof. Zheng-Xiang Li	
14:45	15:15	4630	Animated illustration of plate reconstructions which effectively utilise digital information such as lithostratigraphy, geochronology and ore deposits to facilitate spatial assessment of crustal evolution	Dr. Bruce Eglington	Keynote

Times		Paper #	Title	Speaker
14:00	14:15	1998	Hydrous silicic fluid films around solid inclusions in gem-quality diamonds	Prof. Paolo Nimis
14:15	14:30	4083	Density structure of the cratonic mantle in southern Africa, kimberlite distribution, mantle velocities, Moho sharpness, and dynamic topography	Prof. Irina ARTEMIEVA
14:30	14:45	5370	Timing of the Siberian craton kimberlite magmatism: evidences from the U-Pb dating of kimberlitic zircon	Dr. Vladimir Malkovets
14:45	15:00	3924	India's fast Mesozoic drift linked to continental mantle lithosphere delamination: New insights from (U-Th)/He thermochronology of Dharwar craton kimberlites	Prof. Sebastian Tappe
15:00	15:15	596	Kimberlites from the Kundelungu Plateau (Southeast Democratic Republic of Congo): Age and Implication for regional tectonism and mineralisation	Prof RuananzaToto Lubala
15:15	15:30	4556	A hidden mantle reservoir in the continental lithosphere? Evidence from Hf-Sr-Nd-Pb isotopes in megacrysts and kimberlites	Dr. Philip Janney

Times		Paper #	Title	Speaker
16:00	16:15	1521	Syn-collisional or Post-collisional belt? In the view from the structure of the Middle Central Tianshan belt	Prof. Wei Lin
16:15	16:30	1809	Structural and metamorphic constraints on Barrovian and high-temperature domains in the Chinese Altai, central Asia: implications for crustal thickening and doming in accretionary orogens	Dr. YINGDE JIANG
16:30	16:45	1940	The early Paleozoic tectonic evolution of the Russian Altai: implications from meta-sedimentary complexes in the Charysh-Terekta-Ulagan-Sayan suture zone	Dr. Min Sun
16:45	17:00	1945	Evolution of the Amu Darya Basin: interplay between tectonics and inherited structures	Dr. Marie-Francoise Brunet
17:00	17:15	2207	Nd-Hf isotopic mapping of granitoid plutons in the southwestern Central Asian Orogenic Belt and implications for continental architecture and growth	Prof. Tao Wang
17:15	17:30	2283	Ore-forming ages of iron ore deposits in the western Tianshan Mountain, NW China	Dr. Zuoheng Zhang
17:30	17:45	2425	Mesoproterozoic continental arc magmatism and crustal growth in the eastern Central Tianshan Arc Terrane of the southern Central Asian Orogenic Belt	Dr. Zhenyu He

Times		Paper #	Title	Speaker	
16:00	16:30	1081	The Tethys history in Southeast Iran: a tale from Makran and Sistan.	Prof. Jean-Pierre Burg	Keynote
16:30	16:45	1166	Distributed neotectonic deformations in Anatolia, Turkey obtained from paleomagnetic analysis	Prof. Orhan Tatar	
16:45	17:00	1517	An HP-UHP orogenic belt or an extensional zone? In the view from the South Sulu Massif, Eastern China	Prof. Wei Lin	
17:00	17:15	1529	The structural characteristics of the northern part of Adana Basin, southern Turkey	Dr. Halil Yusufoğlu	
17:15	17:30	2236	How to define a suture: the Izmir-Ankara suture in the central Turkey	Prof. Aral Okay	

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Westin - Ballroom West

Times		Paper #	Title	Speaker	
16:00	16:30	2265	Trace element variations across olivine record the evolution of kimberlite melts: Case studies from the Kimberley kimberlites (South Africa)	Dr. Andrea Giuliani	Keynote
16:30	16:45	3412	Classification of Diamond Source Rocks in the Wajrakarur Kimberlite Field of Southern India: A Mineral Genetic Approach	Dr. Ashish Dongre	
16:45	17:00	220	Petrology and Geochemistry of Chintalapalle lamproite, Eastern Dharwar Craton, Southern India	Mr. Praveer Pankaj	
17:00	17:15	2927	Chromium-bearing phases in the Earth's mantle: Evidence from experiments at 10-24 GPa and 1600°C	Prof. Andrey Bobrov	

Times	Paper # Title	Speaker
	341 Geochemistry of 1800 Ma Ramgarh granitoids of Kumaun Lesser Himalaya – An example of Palaeoproterozoic arc magmatism in Columbia supercontinent	Mr Arindam Das
	3117 “Split personality” behaviors of the Longmenshan Fold Belt: suggest a NE growth toward Tibet since 40 Ma	Prof. Xiaodian Jiang
	3118 Intracontinental tectonic stress field of the Tien Shan in Central Asia	Prof. Weiran Li
	3936 Plate Tectonics by the Einstein’s Theory of Relativity	Dr. Nivaldo Destro
	3562 Novel Geotechnical Investigation: - Ermelo Ring Road to demarcate Risk due to Historic Coal Undermining in South Africa	Dr. Stoffel Fourie
	715 Middle to Late Ordovician arc in the Kyrgyz Middle Tianshan: From arc-continent collision to subsequent evolution of a continental margin	Prof. Alfred Kroener
	2318 Geochronology and Petrogeochemistry of arc-volcanic rocks from Meiriquieuo Group in the Duolong porphyry-epithermal copper (gold) deposit, western Tibet	Dr. Shao-Gang Wei
	3088 The characters of large-scale continental shelf edge Delta and its effect on related gas reservoir in Baiyun Sag of Pearl River Mouth Basin, South China Sea	Mr. Chunheng Liu
	969 Structural control of Landslides in South Western Himalaya: Study from Chamba-Bharmour Section, Himachal Pradesh, India	Dr. AJAY KUMAR ARYA Ms. KAMINI SINGH
	248 Landslide Susceptibility Mapping on Macro-Scale along road corridor using heuristic approach	Mr. Pankaj Kumar
	2510 Archean Oceanic Crust and Boninitic Magmatism in the Norwegian Craton: Geochemical Affinities and Preliminary Geodynamic Interpretations	Dr. Pavel Kepezhinskis
	1373 The Tectonic Setting and Evolution of the Longmen Shan in Later Triassic, the Eastern margin of Tibet Plateau, SW China	Mr. Bin Chen
	941 Astronomically tuned mantle convection	Mrs Eleonora Ficini
	2343 Subduction of the Indian lower crust beneath southern Tibet: Evidence of zircon Hf–O and whole-rock lithium isotopic characteristics of post-collisional potassic and ultrapotassic rocks in SW Tibet	Prof. Shihong Tian
	2295 Detrital zircon U-Pb and Hf isotopic data from the Idermeg terrane, Eastern Mongolia: Constrains on depositional age, sedimentary provenance and tectonic setting	Dr. Tserendash Narantsetseg
	2436 The earliest stages of the Central Asian fold belt continental crust formation: magmatism and paleotectonic reconstructions of the Yenisey Ridge orogen from the southwestern framing of the Siberian craton	Dr. Antonina Vernikovskaya
	4553 Radiogenic and Stable Isotope Constraints on the Source Regions of Phanerozoic Carbonatites and Associated Igneous Rocks from Western South Africa and Southern Namibia.	Ms. Ibiyemi Prisca Ogungbuyi
	2271 A comparison of the geochemistry of megacrysts from Group I and Group II southern African kimberlites: Evidence for a cognate origin	Mr. Jaziel Nkere
	5077 Mesoproterozoic anorogenic magmatism in SW Amazonian Craton using Lu-Hf isotopes in granites: Palecontinent reconstruction insights based on mantle correlation	Dr. Mauro Geraldés
	5345 Geomorphologic and Stratigraphic relationships as indicators of Upper Pleistocene– Holocene climate change and Tsunami Hazard, central coast of Ecuador.	Kervin Chunga
	1108 P-type ophiolite in the Lajishan, Qilian orogenic belt, NW China: mantle-plume activity in Cambrian ocean basin	Ms. Yuqi Zhang Dr Shuguang Song

Times	Paper # Title	Speaker
	2834 Fennoscandia (the East European Craton) during Paleoproterozoic: new paleomagnetic and AMS data	Mr. Nikolay Tarasov
	3518 Cenozoic intracontinental deformation of the Kopeh Dagh Belt, Northeastern Iran	Dr. Yang Chu
	1993 Seismicity of Botswana for the period 1950 - 2014	Mr. Onkgopotse Ntibinyane
	2054 Western Tien Shan Geodynamic zoning and Minerageny	Dr. Rustam Mirkamalov
	755 Uplift-denudation of Peripheral Orogenic Belts control on the Formation of Sandstone Type Uranium (U) Deposits in Junggar Basin, Northwest China: Implication from Apatite Fission Track Research	Ms. Jiye Song
	2141 The Steilrandberg of Namibia: relict or reentrant?	Prof. Mary Hubbard
	1720 Geochronology, geochemistry and geological significance of the Mesozoic-Cenozoic volcanic rocks in southern Lhasa block, Tibet	Dr. zuohai feng
	4564 Petrography, Mineralogy and Geochemistry of Rocks in the Borehole ZA, Onshore Zululand Basin: Evaluation for Carbon Dioxide Storage	Mr. Fillsmith Luzolo Ndongani
	3238 The Greater Malani Supercontinent	Dr. Naresh Kochhar
	772 The Precambrian geology of Botswana: an update from magnetic and gravity data	Miss Portia Tshepiso Letlole
	3969 Contrasting thermal histories from two high-pressure metamorphic sequences of the Nagaland Ophiolite Complex, NE India: Implication of subduction channel within the Neo-Tethys	Mr. Aliba Ao
	830 Protolith features of "Jiageda Group" metamorphic rock series in north Great Xing'an Range, NE China	Dr. Changqing Zheng Dr. Xuechun Xu Dr. Tao Jiang Dr. Bo Lin
	1381 Tectonic evolution of the West Qinling Orogen from ocean spreading to IBM-type subduction	Mr. Liming Yang
	3602 Basement nature of Junggar basin in the NW China: zircon U-Pb-Hf isotope evidence from the Carboniferous pyroclastics of borehole samples	Prof. Hong Hao
	2520 U-Pb zircon ages, field geology and geochemistry of the Kermanshah ophiolite (Iran): From continental rifting at 79 Ma to oceanic core complex at ca. 36 Ma in the southern Neo-Tethys	Dr. Songjian Ao Prof. Wenjiao Xiao
	1294 Early Paleozoic tectonic evolution of the North Qinling Orogenic Belt in Central China: insights on continental deep subduction and multiphase exhumation	Prof. Liang Liu
	2208 Universal grid of planetary faults and displacement of minerals deposits	Dr. Pavel Nagevich
	4994 Mid Ordovician contact metamorphism in arc rocks (SW Sardinia, Italy): new paleogeographic constraints	Prof. Laura Gaggero
	2793 Constraints from C-O isotope compositions on the origin of the Zhaxikang Zinc polymetallic deposit, Tibet, China	Dr. Bin Lin
	1163 Melt-crystal interaction during magma mixing: the Zircon U-Pb-Hf-O isotope and mineral microanalysis of granitoids and mafic enclaves in Karamay pluton, West Junggar, NW China	Mr. Lei Kang
	2954 Early Cretaceous Baoder extensional granitic dome and its tectonic implications, Sunite Zuoqi, China-Mongolia Border area	Dr. Lei Guo
	4765 Earthquake recurrence parameters for KwaZulu-Natal Province	Mr. Victor Mapuranga
	3929 The role of sulphur during partial melting of the eclogitic cratonic mantle	Ms. Sara Burness

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	4222 Autochthonous or Allocthonous Inception of the Macquarie Arc along Eastern Gondwana? Evidence from Zircon U/Pb and Hf Isotope Data	Ms. Qing Zhang
	820 Active Lineament Mapping within Karonga Area; Northern Malawi: Using Automatic Lineament Extraction Methods	Mr. Hassan Steven Mdala
	1242 Seismic Velocity Model of Great Bear Fault Zone, NWT, Canada	Mr. Alan Davies
	4075 Structural Mapping Based on Remote Sensing and Potential Field Data from Son-Mahanadi Gondwana Rift Basin, India	Mrs. Chowdari Swarnapriya
	3944 Baltica at 1.55-1.40 Ga: Contrasting tectonics vs rotations	Dr. Natalia V. Lubnina
	2543 The study of Sedimentary Characteristic and Tectonic Setting on the Devonian, Eastern Qinling Orogenic Belt, China	Dr. Jiang Xiaojun
	3981 Comparing the structure of the Main Frontal Thrust in Central and Eastern Nepal – Implications for seismic hazard estimates	Dr. Rafael Almeida
	1598 New Insights into the Provenance of Palaeocene to Miocene in Lenghu Structural Belt, Qaidam Basin: Response to the Tibetan Plateau Uplifting	Dr. Rui Zhao
	2064 Investigation of Foreland Fold-and-Thrust Belt by TTI Media Reverse-time Migration with GPU	Mr. Hong Liu
	5113 Depositional evolution of Southwest Gondwana Neoproterozoic paleobasins based on Sr, C and O isotopic compositions of carbonatic rocks from the Sul-Riograndense Shield, Brazil	Ms. Rossana Goulart

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08:00	08:30	2636 Reconstructing the role of South China in Pangea and earlier supercontinents	Prof. Peter Cawood	Keynote
08:30	08:45	295 Early Paleozoic subduction processes of the southern Paleo-Asian Ocean: Insights from Paleozoic diorites and granitoids in the Alxa Terrane	Ms. Qian Liu	
08:45	09:00	779 Late Mesozoic Intracontinental orogeny of the Qinling orogen, central China and its implication	Dr Anlin Guo	
09:00	09:15	1098 Ophiolites in the Xing'an-Inner Mongolia accretionary belt of the CAOB: Implications for two cycles of seafloor spreading and accretionary orogenic events	Prof. Shuguang Song	
09:15	09:30	1330 Early-Paleozoic structural features and tectonic evolution of the eastern part of the northern boundary of the Proto-Tethys Ocean	Dr. Shujuan Zhao	
09:30	09:45	1336 Northern Continental Margin of the Gondwanaland in Early Paleozoic: insights from restoration of two orocline orogens in the Proto-Tethyan Tectonic Domain	Dr. Sanzhong Li	
09:45	10:00	1485 New paleomagnetic results from the Mesozoic rocks of the Indochina block	Mr. Yonggang Yan	

Times		Paper #	Title	Speaker
10:30	10:45	1497	Petrogenesis of Permian intermediate-mafic dikes in the Chinese Altai, NW China: implication for a post-accretion extensional scenario	Dr. Keda Cai
10:45	11:00	1651	New insights into Early Paleozoic tectonism of South China from structural geology, U-Pb geochronology and $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology	Dr. Jianhua Li
11:00	11:15	1740	The evolution of the Ailaoshan Ocean: recorded by detrital zircons from Permo-Triassic strata	Prof. Xiaoping XIA
11:15	11:30	1762	The geodynamics of northern part of Sikhote-Alin orogen	Dr. Alexei Didenko
11:30	11:45	1808	Differentiation of the Altai accretionary wedge: implications for the stabilization of continental crust in the Central Asian Orogenic Belt	Dr. YINGDE JIANG
11:45	12:00	1819	Melting of subducted slab in the Chinese Altai during Devonian and its tectonic implications	Mr. Yang Yu

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14:00	14:15	1882 New paleomagnetic results from the ~130 Ma volcanic rocks of North China and southern Mongolia, and their implications for the tectonic evolution of the Mongol–Okhotsk suture	Dr. Qiang Ren
14:15	14:30	1890 U-Pb geochronology and geochemistry of volcanic rocks in the Manzhouli-Erguna, northeastern China and tectonic implications	Ms. Wing Sum Regine Tsui
14:30	14:45	2204 An Introduction to the Major NSFC Program “Reconstruction of East Asian Blocks in Pangea”	Prof. Guochun Zhao
14:45	15:00	2338 Transformation hybrid oceanic lithosphere into continent and enigma of Paleozoic Asian continental growth	Prof. Karel Schulmann
15:00	15:15	2348 The Discussion about the Closure Time of the Paleo-Asian Ocean in the Northeast Asian Area	Mr. Mao Fu
15:15	15:30	2424 Distinct structural evolution of two contrasting litho-tectonic domains in the Chinese Altai: unravelling a complicated accretionary process of the western Central Asia Orogenic Belt	Prof. Jian Zhang

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16:00	16:15	2508	The Devonian-Permian Tarbagatay accretionary complex of western Junggar (NW China): implications for the amalgamation of the western CAO	Prof. Wenjiao Xiao
16:15	16:30	2580	Is the South China Block an accretionary orogeny? Insights from recent geological and geochronological evidence	Prof. Changqing Yin
16:30	16:45	3424	The systematic metamorphic pattern along the Qinling-Dabie-Hongseong collision belt between the North and South China blocks and its tectonic meaning	Professor Chang Whan Oh
16:45	17:00	3880	New Paleomagnetic data from Upper Permian and Lower Triassic Volcanic Sequences from Northwest Vietnam and Their Bearing on the Accretion History of Southeast Asia	Professor John Geissman
17:00	17:15	5132	How did the North China craton meet the Amuria block in Permian	Dr. Shihong Zhang
17:15	17:30	4358	Enigmatic Paleopositions of South China in the Rodinian and Gondwanan Reconstructions: New paleomagnetic constraints	Prof. Zhenyu Yang
17:30	17:45	5057	Accretionary tectonic architecture inferred from offset magmatic age signatures between terranes of the Beishan orogenic collage in the southern Central Asian Orogenic Belt, NW China	Prof. Shoufa Lin

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	1113 The tectonic features of the west Pacific margin and the formation of South China Sea	Dr. Xuejie Li
	2522 Paleozoic accretionary orogenesis in the eastern Beishan orogen: Constraints from zircon U–Pb and 40Ar/39Ar geochronology	Dr. Songjian Ao Prof. Wenjiao Xiao
	3253 Characteristics of tectonics and genetic types of bearing-oil-gas basins in South China Sea region	Dr. Hailing Liu
	3989 A reconnaissance rock-magnetic and paleomagnetic survey on a 27 m long lacustrine core from Lake Chapala (western Trans-mexican Volcanic Belt. (CHAPHOLO Project, Conacyt grant 168685).	Dr. PEDRO F ZARATE-DEL VALLE
	986 The 'East' Margin of Neoproterozoic India: New Provenance, Geochemical and Age Constraints from Meghalaya, NE India	Prof. Alan Collins
	3883 The reconstruction of Ellsworth-Whitmore Terrane and Malvinas (Falkland) Islands: new approach using stratigraphic and geochronological data.	Mr. Mateus Rodrigues de Vargas
	1337 Formation and evolution of the Jurassic prototype Basin in Qaidam block and adjacent areas	Prof. FENG Qiao
	3907 Seismic tomography and anisotropy of the Helan-Liupan tectonic belt: Insight into lower crustal flow and seismotectonics	Dr. Bin Cheng
	5060 Dividing South America into continental blocks and applying it to West Gondwana re-assemble.	Ms. Pâmela C Richetti
	1527 Early Paleozoic magmatic rocks in the north-central Tibetan Plateau, China: an Andean-type arc magmatism along the Gondwana margin	Dr. Peiyuan Hu
	1254 Las Matras pluton, Cuyania terrane, Argentina: is it truly Mesoproterozoic, or is it Early Permian derived from Mesoproterozoic ?	Dr. Carlos Jorge Chernicoff
	4123 Geochemical, Ar-Ar geochronological and Sr-Nd isotopic constraints on the origin of Late Mesozoic volcanic rocks from the West Qinling area in China.	Dr. Feifei Zhang
	1295 Subduction records of Paleo-Tethys Ocean of Tibetan Plateau: Evidence from High Pressure Metamorphic Rocks of Hongjishan Area, Midwest of Qiangtang	Dr. Rukui Lu
	484 Structural studies and their implications for Palaeoproterozoic collision along Bhavani shear zone, southern India	Dr. Mathew Joseph
	1196 Uniformity of Uranium Deposits in Mineralization ages and H-O isotopes, South China: Implications for their Genesis	Dr. Chuang Zhang
	1955 The mountains of South Norway and East Greenland reached their present elevation long after Atlantic break-up	Dr. Peter Japsen
	1104 Integrated remote sensing and geological data utilization for geological interpretations of the Gonghe Basin, NW China	Dr. Xiaohu Zhou
	234 Occurrence of an Outlier of Lower Gondwana sandstone in the Bela- Mangruda area, Adilabad district, Telangana State, India	Mr. BARMAN D
	2292 Tectonic-magmatic processes of the Indian Ocean: Evidence on the residual mantle Bouguer gravity anomaly	Dr. Yanhui Suo
	4238 Multi-chronometric dating of the Foping dome: Implications for the exhumation and deformation of the Qinling Orogen	Dr. Zhao Yang
	4322 The Statherian El Renegado Granite Nappe (Nico Pérez Terrane, Uruguay), and its tectonic emplacement in the latest Ediacaran-Early Cambrian	Dr. Claudio Gaucher
	5437 Volcaniclastic-epiclastic rocks related to the Paraná continental flood volcanism: the Early Cretaceous Volta Alegre Formation, Jacuí Basin, southern Brazil	Prof. Claudio Riccomini

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	5105 U-Pb zircon data from mid-Neoproterozoic strata of the Steilrandberg, northern Namibia: Establishing a "barcode" for the Northern foreland of the Damara Belt	Dr. Mary Hubbard
	4636 Seismic structure of the southern part of Madagascar determined by waveform inversion	Dr. Andriamiranto Raveloson
	3949 Deformation of the Songshugou ophiolite in the Qinling orogen	Dr. Shengsi Sun
	2365 Anisotropy of Magnetic Susceptibility, Palaeomagnetism and Rock magnetic studies on the mafic intrusives along Kaddam Fault: Implications to Godavari rift related magmatism	Dr Dhananjay Meshram
	971 Multiple metamorphic reworking of basement rocks in northeastern Cathaysia block, South China	Dr. Lei Zhao
	3800 Tatric and Veporic crystalline basement of the Western Carpathians (Slovakia): origin, primary position and translation to the Alpine orogenic belt	Dr. Vladimír BEZÁK
	4093 The COT structure and the rifting-breakup mechanism of the northern continental margin of the South China Sea	Dr. Zhen Sun

Times		Paper #	Title	Speaker	
08:00	08:30	4113	The African Surface (85-45 Ma): A record of mantle deformations at the scale of a continent since 35 Ma	Prof. François Guillocheau	Keynote
08:30	08:45	964	Why continents uplift?	Prof. Eugenio Carminati	
08:45	09:00	3681	Understanding Continental Uplift through Watershed Analysis	Dr. Thomas Blenkinsop	
09:00	09:15	515	Episodic burial and exhumation of the southern margin of Africa before and after breakup	Dr. Paul Green	
09:15	09:30	1948	Burial and exhumation history of southernmost Norway: epeirogenic uplifts before and after NE Atlantic break-up	Dr. Peter Japsen	
09:30	09:45	2007	Geodynamics of passive margins: insights from the DFGSchwerpunktprogramm SAMPLE for the South Atlantic and beyond	Professor Hans-Peter Bunge	
09:45	10:00	3578	Dynamics of the Afro-Arabian Rift: new insights from shear-wave splitting	Dr Walter Mooney	

Times		Paper # Title	Speaker
08:00	08:15	200 Heavy metal Contamination in Industrial Area in and around Hyderabad City; Hydrogeolgical and Hydrogeochemical Studies of the Chinnaeru River basin, Sub - Basin of Musi River in the Northern Parts of Nalgonda District, Telangana State, India.	Dr. Ganaboina Machender
08:15	08:30	318 Compressive and shear strength as quality control for some soil materials under different depths, Nile Delta, Egypt.	Dr. Ali Ismail
08:30	08:45	514 Hypothesis of a Thin Methane Gas-sphere between Earth's Crust and Mantle	Prof. Zhong-Qi Quentin YUE
08:45	09:00	761 Scenario of Secondary Hazard due to Liquefaction over National Capital Territory, Delhi, India - A case study	Dr. Mandal H.S.
09:00	09:15	1544 Kedarnath flash-flood tragedy of 2013 : a testimony of climate change caused extreme events in the Himalaya	Dr. Bhanu Prasad Naithani
09:15	09:30	2057 The investigation and rehabilitation of the Pretorius Avenue sinkhole in Lyttelton Manor, Centurion	Mr. John Stiff
09:30	09:45	3026 Liquefaction Susceptibility of Marine Sediments and Soil Cover of Mumbai Urban AgglomerationM Chandradas1, PT Ilamkar1, M S Bodas1, , A K Chatterjee1 P M Fulzule1and M K Devarajan21 - Geological Survey of India, Kolkata, India, Email m.das5@gsi.gov.in2-Geomysore Services (India) Ltd, Bangalore, India	Mr. M CHANDRADAS Menon
09:45	10:00	3185 Environmental Impact Assessment of Drilling Waste	Dr. Javad Tabatabaei

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08:00	08:30	5049 Gondwana tectonic evolution recounted through the Gondwana map – IGCP-628	Dr. Renata S. Schmitt	Keynote
08:30	08:45	1782 On constraining the Pan-African high-grade metamorphism time of the Larsemann hills, East antarctica	Dr. Liudong Ren	
08:45	09:00	982 Tectonic Provinces of East Antarctica	Dr. German Leitchenkov	
09:00	09:15	987 Testing Azania: Using Detrital Zircon U-Pb Ages and Hf Isotopic Record to Constrain Tectonic Affinities Within the East African Orogen	Prof. Alan Collins	
09:15	09:30	612 Origin and tectonic evolution of the NE basement of Oman - a window into the Neoproterozoic accretionary growth of India?	Mr. Brandon Alessio	
09:30	09:45	2314 A review of the tectonic history of the Amazonian Craton	Dr. Umberto Cordani	
09:45	10:00	1943 Geotectonic setting and paleogeography of a c. 565 Ma old Cadomian glaciation in NW Gondwana constrained by zircon U-Pb ages, Hf isotopes, and peri-Gondwanan zircon provinces	Prof. Dr. Ulf Linnemann	

Times		Paper #	Title	Speaker	
08:00	08:15	1606	Melting sediment and subducting bacteria: exploring the connection between the Great Oxidation Event and the rise of $\delta^{18}\text{O}$ in zircon	Dr Christopher Spencer	
08:15	08:30	4638	Tectonic influences on the development of the continental crust	Prof. Mike Daly Prof Chris Hawkesworth	
08:30	09:00	3500	Crustal evolution and the temporality of anorthosites	Prof. Lewis D. Ashwal	Keynote
09:00	09:30	3598	Conditioned duality of the Earth system via the supercontinent cycle	Prof. Martin Van Kranendonk	Keynote
09:30	10:00	4615	The detrital zircon record of Earth's evolving surface environment.	Dr. Ryan McKenzie	Keynote

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10:30	10:45	3941	POST RIFT EVOLUTON OF THE INDIAN MARGIN OF SOUTHERN AFRICA	Guillaume Baby
10:45	11:00	1451	Long-term, deep-mantle support of the Ethiopia-Yemen Plateau: implication for mantle dynamics	Prof. Claudio Faccenna
11:00	11:15	2690	The Dynamic Topography of Madagascar: A Cenozoic History of Uplift and Erosion	Mr. Simon Stephenson
11:15	11:30	3209	On the Relationship Between Volcanic Hotspot Locations, the Reconstructed Eruption Sites of Large Igneous Provinces and Deep Mantle Seismic Structure.	Dr. Rhodri Davies
11:30	11:45	2551	Lithospheric and Sub-lithospheric Upper Mantle Structure of Africa from Full Wave Long-Period Ambient Noise Tomography	Dr. Erica Emry

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10:30	10:45	3483	Experience of compiling a complex geohazard map at 1: 200 000 scale for cross-border areas of Tajikistan and Afghanistan (under the TAPRI United Nations Development Programme)	Dr. Viktor Snezhko	
10:45	11:00	5092	Identification of expansive soils applied to land use planning in Montevideo, Uruguay	Mr. Sebastián Huelmo	
11:00	11:30	5402	Management of mine water and AMD challenges using river water catchment area and Geo-environmental provinces approach, South Africa	Dr. Bisrat Yibas	Keynote

Times		Paper #	Title	Speaker
10:30	10:45	4308	Detrital zircon ages of Ediacaran and Early Cambrian successions at the edge of the Río de la Plata Craton (Uruguay) reveal contrasting geotectonic settings	Dr. Claudio Gaucher
10:45	11:00	646	The Malvinas Islands: Did the rotated Lafonian Microplate collide in the Palaeozoic with the South American continental margin?	Dr. Víctor A. Ramos
11:00	11:15	2525	Understanding the onset of Andean subduction: New Sr and Nd isotopic data from late Paleozoic to late Triassic magmatism in northern Chile	Dr.(c) Osvaldo González-Maurel
11:15	11:30	4179	Devonian accretion south of Chilenia	Dr. Francisco Hervé
11:30	11:45	164	The enigmatic Hastings Block - history of emplacement and subsequent deformation	Dr. Paul Lennox
11:45	12:00	2828	First direct evidence of Pan-African orogeny associated with Gondwana assembly in the Cathaysia Block of southern China	Dr. Longming Li

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14:00	14:15	2056	Data assimilation in global mantle flow models: theory, computation and uncertainties to restore global mantle flow back in time	Prof. Hans-Peter Bunge
14:15	14:30	3559	Cenozoic surface dynamics of West Africa: Drainage, hot spot swell growth, erosion budget and offshore sedimentary record	Dr Dominique CHARDON
14:30	14:45	3561	Opening of the Equatorial Atlantic Ocean and paleogeographic evolution of West Africa since the Early Mesozoic	Prof. Dominique CHARDON
14:45	15:00	1441	Rapid South Atlantic spreading changes and coeval vertical motion in surrounding continents: Evidence for temporal changes of pressure-driven upper mantle flow	Mr. Lorenzo Colli
15:00	15:15	1442	Gravity, dynamic topography and mantle flow	Mr. Lorenzo Colli

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14:00	14:15	2664 Subduction, accretion and closure of Proto-Tethyan Ocean: Early Paleozoic accretion/collision orogeny in the Altun-Qilian-North Qaidam orogenic system, northern Tibet of China	Prof. Jianxin Zhang
14:15	14:30	5421 Gold Mineralization in the Precambrian of Southern Ethiopia	Dr. Bisrat Yibas
14:30	14:45	2082 Paleostress in Central Africa reveals the Late Paleozoic-recent evolution of Central Gondwana	Dr. Damien Delvaux
14:45	15:00	4476 West Central Gondwana correlations and paleo-reconstruction of its main Phanerozoic continental basins	Dr. Bastien Linol
15:00	15:15	2033 Magmatism on the SW Indian Ridge – Remelting the Gondwanan Mantle	Dr. Henry Dick
15:15	15:30	4513 The history of the Gondwana continent and the chronology of break-up	Dr. John Bradshaw

Times		Paper #	Title	Speaker	
14:00	14:15	372	Analysis of Basin–Range Coupling Mechanisms during Epeirogenetic Uplift – A Case Study of Tectonic Coupling in the Songpan–Ganzi Plateau–Longmen Mountain–Sichuan Basin Region	Mr. Wei Long	
14:15	14:45	1734	Middle Jurassic accretion of an exotic microcontinental fragment along the southeast China continental margin	Dr. Roderick Sewell	Keynote
14:45	15:15	1454	Translation and rotation of crustal blocks in the southernmost Atlantic region prior to seafloor spreading: in search of a mechanism.	Professor Ian Dalziel	Keynote
15:15	15:30	3461	GEODYNAMIC EVOLUTON OF THE GULF OF MEXICO, SINCE LATE TRIASSIC TO BAJOCIAN, BASED ON PALYNOLOGICAL, PALEONTOLOGICAL, GEOPHYSICS, TECTONIC DATA AND METAMORPHIC QUARTZ ORIGIN FOR KNOWING ITS PALEOGEOGRAPHIC EARLY HISTORY.	Dr. Jaime Rueda-Gaxiola	