

The 1st International Biopetrological Congress

(Sept. 22-25, 2023. Shijiazhuang, China)

Handbook

International Biopetrological Association

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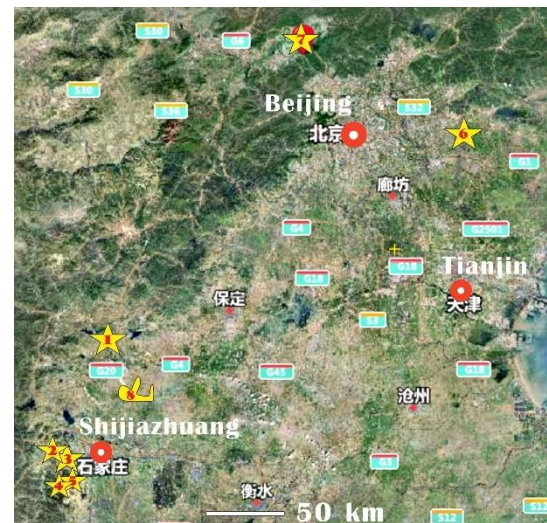
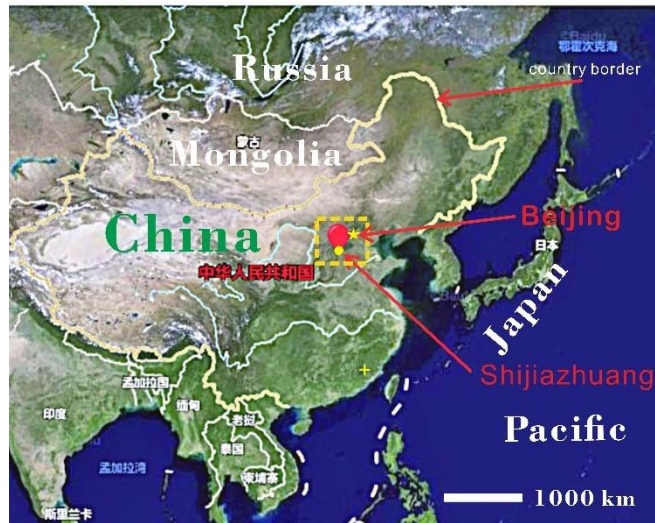
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Front view of the Taihang State Guesthouse.



Front view of the Taihang State Guesthouse.



2. Meal schedule in Taihang State Guesthouse (用餐时间和地点)

Meals	Beijing Time	Sept. 22	Sept. 23	Sept. 24	Sept. 25
Breakfast	7:00-9:30	/	Gui-bin-lou-yan-hui-tin 迎宾楼二楼国宾宴会厅	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)
Lunch	11:30-13:30	Ji-shiang-yuan (贵宾楼一层吉香苑)	Gui-bin-lou-yan-hui-tin 迎宾楼二楼国宾宴会厅	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)
Dinner	17:30-20:30	Gui-bin-lou-yan-hui-tin 迎宾楼二楼国宾宴会厅	Gui-bin-lou-yan-hui-tin 迎宾楼二楼国宾宴会厅	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)	Jing-cer-yang-guang (贵宾楼一层金色阳光大厅)

※Gui-bin-lou-yan-hui-tin: on the second floor of the Ying-bin-lou west to the main building (Gui-bin-lou) . Jing-cer-yang-guang (金色阳光大厅) : on the first floor of the main building. **Note: All times in this handbook are Beijing times.**

3. Accommodation (Taihang State Guesthouse) (住宿—太行国宾馆)

1-bed room	450 CNY/day
2-bed room	350 CNY/day

※Check-out before 14:00: one day. Check-out before 18:00: one day and a half. (下午 2 点之前结账算 1 天, 下午 6 点之前结账

算 1 天半。

4. Agenda of the plenary (in the Xibaipo Hall) (主会场—贵宾楼一层西柏坡厅)

Morning of the 23rd				Morning of the 24th			25th			
Time	Sn	Speakers	Hosts	Time	Field Trip 1	Leaders	Time		Speakers	Hosts
8:10~8:30		Opening ceremony	Xu-Long Lai (赖旭龙)	8:10~12:00	Mid-conference Field trip. To visit the Mesoproterozoic microbialite profile near Guanjing town. It is free.	Hong-Xia Jiang Zhen-Liang Guo Ya-Sheng Wu	8:00-12:00	Oral presentati ons of Sessions 1 to 13	See the following	
8:30~8:50	Taking a group photo									
9:00~9:25	1	Shu-Hai Xiao (肖书海) (ol)	Dominic Papineau							
9:25~9:50	2	Nora Noffke (ol)								
9:50~10:15	3	Xi-Qiu Han (韩喜球)								
10:15~10:30	Break									
10:30~10:55	4	Ya-Sheng Wu (吴亚生)	Hai-Liang Dong							
10:55~11:20	5	Robert Riding								
11:20~11:45	6	Giorgio Bianciardi								
Lunch time (11:30-13:30)										

Afternoon of the 23rd				Afternoon of the 24th				Afternoon of the 25th			
	Sn	Speakers	Hosts		Sn	Speakers	Hosts		Sn	Speakers	Hosts
14:00~14:25	7	Li-Yuan Liang (梁丽媛)	Robert Riding	14:00~14:25	14	Le Yao (要乐) ol	Zuo-Zhen Han (韩作振)	14:00~17:00	Oral presentations of Sessions 1 to 13 (see the following)		
14:25~14:50	8	Dominic Papineau		14:25~14:50	15	Qun-Wei Dai (代群威)					
14:50~15:15	9	Hong-Mei Wang (王红梅)		14:50~15:15	16	Cui Luo (罗翠)					
15:15~15:40	10	Juan Liu (刘娟)		15:15~15:40	17	Yue-Feng Shen (沈越峰)					
15:40~15:55	Break			15:40~15:55	Break						
15:55~16:20	10	Rachel Wood (ol)	Giorgio Bianciardi	15:55~16:20	18	Ming-Yi Hu (胡明毅)	Yue-Feng Shen (沈越峰)	Time	Programs	Host	
16:20~16:45	11	Hai-Liang Dong (董海良)		16:20~16:45	19	Xiao-Min Xie (谢小敏)		17:00~17:56	See "11. Agenda of Closing Ceremony"	Yong-An Qi (齐永安)	
16:45~17:10	12	Gong-Liang Yu (虞功亮)		16:45~17:10	20	Hong Xu (许红)					
17:10~17:35	13	Hai-Long Sun (孙海龙)		17:10~17:35	21	Xi-Wu Luan (栾锡武)					

* ol=online

5. Plenary oral presentations on September 23

Morning of the 23rd				
Time	Sn	Speakers	Titles of the presentations	Hosts
8:10~8:30		Opening Ceremony	Address by Bin Wang, a vice president of Hebei GEO University	Xu-Long Lai (赖旭龙)
			Address by Ya-Sheng Wu, the chairperson of the International Biopetrological Association (IBA)	
			Address by Sheng-He Wu, the president of the International Society of Paleogeography	
8:30~8:50	Taking a group photo			
9:00~9:25	1	Shu-Hai Xiao (肖书海) (ol)	Advances in study of the evolution of life in Precambrian period	Dominic Papineau
9:25~9:50	2	Nora Noffke (ol)	Microbially induced sedimentary structures in the 3.48 Ga Dresser Formation, Pilbara, Western Australia	
9:50~10:15	3	Xi-Qiu Han (韩喜球)	Microbial weathering of seafloor sulfide chimneys	
10:15~10:30	Break			
10:30~10:55	4	Hai-Long Sun (孙海龙)	Formation mechanism of modern travertines in Jiuzhaigou and Huanglong World Heritage	Hai-Liang Dong (董海良)
10:55~11:20	5	Robert Riding	How to build a thrombolite: Late Cambrian examples in Texas	
11:20~11:45	6	Giorgio Bianciardi	Advances in the study of life on mars: A biological point of view	
11:45~13:30	Lunch time			
Afternoon of the 23rd				

Time	Sn	Speakers	Titles of the plenary oral presentations	Hosts
14:00~14:25	7	Li-Yuan Liang (梁丽媛)	Permeable Reactive Barriers: Experiments in carbonate precipitation and their relevance to Archean Seas.	Robert Riding
14:25~14:50	8	Dominic Papineau	Abiotic signatures and biosignatures in Late Palaeoproterozoic stromatolitic dolomite from the Belcher Islands, Canada	
14:50~15:15	9	Hong-Mei Wang (王红梅)	Progress in research of microbial dolomites	
15:15-15:40	10	Juan Liu (刘娟)	The energy basis and molecular mechanism of deep-time iron and manganese minerals-microbial co-evolution	
15:40~15:55	Break			
15:55~16:20	10	Rachel Wood (ol)	Evolution of marine ecosystem and origin of mineral skeletons during the Ediacaran-Cambrian transition: pattern and drivers	Giorgio Bianciardi
16:20~16:45	11	Hai-Liang Dong (董海良)	Mineral-Microbe Interactions and Coevolutions: Mechanisms and Applications	
16:45~17:10	12	Gong-Liang Yu (虞功亮)	Mineral-Microbe Interactions and Coevolutions: Mechanisms and Applications	
17:10~17:35	13	Ya-Sheng Wu (吴亚生)	Introduction to the new discipline biopetrology: innovative methods and promising prospects	

6. Plenary oral presentations on September 24

Afternoon of the 24th				
Time	Sn	Speakers	Titles of the plenary oral presentations	Hosts
14:00~14:25	14	Le Yao (要乐) ol	Collapse of coral reef ecosystems during the onset of the late Palaeozoic Ice Age	Zuo-Zhen Han (韩作振)
14:25~14:50	15	Qun-Wei Dai (代群威)	Genesis of microbial travertine in China and their protection	
14:50~15:15	16	Cui Luo (罗翠)	Non-spicular demosponge fossils in carbonates: progresses and debates	
15:15~15:40	17	Yue-Feng Shen (沈越峰)	Marine benthic automicrite factory: the past, the present and the future	
15:40~15:55	Break			
15:55~16:20	18	Ming-Yi Hu (胡明毅)	Microfacies characteristics and formation mechanism of the Ediacaran carbonate platform marginal microbial mounds in Sichuan Basin	Yue-Feng Shen (沈越峰)
16:20~16:45	19	Xiao-Min Xie (谢小敏)	The characteristics comparisons of Cambrian source rocks in South China and Alum Shale in Europe	
16:45~17:10	20	Hong Xu (许红)	Discovery and characteristics of deep dense dolomite in islands	
17:10~17:35	21	Xiwu Luan (栾锡武)	<i>Globigerina</i> reservoir, a case study of Madura Sub-Basin, Indonesia	

7. Agenda of Sessions 1, 3, 8 (Room 1, on the sixth floor)

a.m., 25th	Sn	Name	(ol=online)	Titles of oral presentations	Sessions	Hosts
8:00-8:15	1	Fan Gao	高帆	Identification of nano-scale organic components in biomineralized apatite by Atom Probe	1	Jin-Hua Li (李金华) Jia-Wei Liu (刘嘉伟) Luo-Yang Li (李洛阳)
8:15-8:30	2	Xiaohua Han	韩晓华	Microstructure and in situ chemical characteristics of siderite mineralized by dissimilated iron-reducing bacteria	1	
8:30-8:45	3	Jie Li	李洁	Dissolved Mn ²⁺ promotes bacterially-induced protodolomite precipitation in brackish oxidized water	1	
8:45-9:00	4	Luoyang Li	李洛阳	The roles of microbes in Cambrian animal skeletonization	1	
9:00-9:15	5	Jiawei Liu	刘嘉伟 (invited)	Microbial mediation of nanoscopic mineral's interface and application	1	
9:15-9:30	6	Peiyu Liu	刘沛余	Interaction between magnetotactic bacteria and environment	1	
9:30-9:45	7	Na Guo	郭娜	Microbial mineralization in the human urinary system promotes the urinary stones formation	1	
9:45-10:00	8	Huaxiao Yan	闫华晓 ol (invited)	Co-removal of ultra-high concentrations of calcium and ferric ions by <i>Virgibacillus dokdonensis</i> in hypersaline wastewater	1	
10:00-10:15	Break					
10:15-10:30	9	Yong-Jie Zhang	张永杰	Amorphous and Crystalline Carbonate Biomineralization in Cyanobacterial Biofilms Induced by <i>Synechocystis</i> Cultured in CaCl ₂ -MgCl ₂ -SrCl ₂ Mediums	1	Qun-Wei Dai (代群威) Hai-Long Sun (孙海龙)
10:30-10:45	10	Wu-Yang He	何武洋	Study on travertine desertification in Huanglong Scenic Area, Sichuan Province, China	3	
10:45-11:00	11	Qiongfang Li	李琼芳 (invited)	Synergistic evolution of psychrophilic algae and alpine travertine landform: a case study of Huanglong and Jiuzhaigou World Natural Heritage Site	3	
11:00-11:15	12	Fudong Wang	王富东 (invited)	Calcite mineral generation in travertine/tufa of Huanglong and Jiuzhaigou, China	3	
11:15-11:30	13	Hao Yan	晏浩	Carbon isotope composition of travertine and its implications for paleo-climate/environment reconstruction	3	
11:30-11:45	14	Xiyang Zhang	张喜洋	Microbially-mediated Mg-bearing calcites within beachrock from Xisha Islands	3	

p.m., 25th		Lunch time				
14:00-14:15	1	Zhijun Wang	汪智军	Unraveling the role of algae in the process of travertine deposition based on microscale observations: A case study of Huanglong, Sichuan, China	3	
14:15-14:30		Yuyin Zhu	朱余银	Geochemical characteristics and geological significance of travertine in Xianshuihe Fault zone, eastern margin of Qinghai-Tibet Plateau	3	
14:30-14:45	2	Xue Qiao	乔雪	A brief introduction to the Sparkling Lake restoration project in Jiuzhaigou, China	3	
14:45-15:00	3	Huachuan Jiang	蒋华川	Origin of dolomite-evaporite paragenesis sequence and its hydrocarbon exploration implications: A case study from Lower-Middle Cambrian in Sichuan Basin (South China)	8	Hong-Mei Wang (王红梅)
15:00-15:15	4	Ruoxia Shen	沈若夏	Properties of dolomitizing fluids indicated by rare earth elements: A case study of the Upper Miocene to Pliocene dolostone in the South China Sea	6	
15:15-15:30	5	Yang Li	李阳	Origin of Dolomites from the Maokou Formation of the Middle Permian in the Eastern Sichuan Basin: Evidence from Petrology, Mineralogy, and Geochemistry	8	
15:30-15:45		Break				
15:45-16:00	6	Pan Tang	唐攀	Large-scale dolomitization mechanism of the Upper Sinian in the northwestern Tarim Basin: Evidence from petrography, REE and clumpe isotope	8	Deng Liu (刘邓)
16:00-16:15	7	Rui Wang	王瑞 (invited)	Advances in the study of nascent reef dolomites - evidence from the microarea study of Well Chenke 2, Xisha Islands, South China Sea	8	
16:15-16:30	8	Rui Meng	孟瑞瑞	The incorporation of Mg ²⁺ ions into aragonite during biomineralization: Implications for the dolomitization of aragonite	8	
16:30-16:45	9	Li Yang	李阳	Characteristics of Microbial Carbonate rock Deposits and Reservoirs in Dengying 4th Member of Sinian Dengying Formation in Penglai Gas Field, Sichuan, China	8	
16:45-17:00	10	Mingtao Li	李明涛 (invited)	Phanerozoic variation in dolomite abundance linked to oceanic anoxia	8	
17:00-17:15	11	Huiwen Huang	黄慧文	The evolution of dolomite stoichiometry at shallow burial shapes the heterogeneous features in Cenozoic island dolostones	8	

8. Agenda of Sessions 2, 5, 12, 13 (Room 2, on the tenth floor)

a.m., 25th	Sn	Name		Titles of oral presentations	Sessions	Hosts
8:00-8:15	1	Guangjin Li	李光金	Tonian discoidal fossils with a central opening--the lost holdfasts for algae	2	Ke Pang (庞科) Peng-Ju Liu (刘鹏举) Li-Jing Liu (刘丽静)
8:15-8:30	2	Ke Pang	庞科 (invited)	Tonian carbonaceous compression fossils from North China	2	
8:30-8:45	3	Jinwen Shen	沈锦文	An affinity study of coralomorph calcareous organism amsassiaceans in Late Ordovician	2	
8:45-9:00	4	Li-Jing Liu	刘丽静 (invited)	The earliest Charophyceae from Ordovician provide insights into the origins of land plants	2	
9:00-9:15	5	Weiling Zhuang	庄蔚菱	Reef-building peyssonneliacean red algae from the Upper Ordovician as a revolution in the reef-building patterns of Palaeozoic algae	2	
9:15-9:30	6	Mei Luo	罗梅	Early Cambrian small shelly fossil assemblages and stratigraphic correlation: fossil evidence from Fucheng area, southern Shaanxi Province	13	
9:30-9:45	7	Xiao-Dong Shang	尚晓东	Diverse multicellular algae from the early Ediacaran Doushantuo chert nodules and their palaeoecological implications	2	
9:45-10:00	8	Zhongwu Lan	兰中伍 (invited)	Microbially induced sedimentary structures (MISS) within Precambrian siliciclastic sedimentary rocks	5	
10:00-10:15	Break					
10:15-10:30	9	Bingchen Liu	刘炳辰	Piperock ichnofabrics from western Henan, China: spatial distribution pattern and environmental controls on middle Cambrian carbonates	5	Yong-An Qi (齐永安) Zhong-Wu Lan (兰中伍)
10:30-10:45	10	Yong-An Qi	齐永安 (invited)	The alternations of microbialites and trace fossils from Cambrian deposits of central China	5	
10:45-11:00	11	Min Wang	王敏	Continental weathering facilitated the development of microbialites and bioturbation: a case study of the Cambrian Zhangxia Formation	5	
11:00-11:15	12	Zhifeng Xing	邢智峰	Microbial mat records in siliciclastic rocks: Examples from the Mesoproterozoic Yunmengshan Formation in China and their modern equivalents	5	
11:15-11:30	13	Wei Zheng	郑伟	The variations of terrestrial trace fossils and sedimentary substrates after the end-Permian extinction in the Dengfeng area, North China	5	

11:30-11:45	14	Jixin Jia	贾冀新	Volcanic effects to marine organisms across the Ordovician-Silurian transition: records from organic-rich shales in South China		
p.m. 25th	Lunch time					
14:00-14:15	1	Jiangong Wang	王建功 (invited)	Characteristics and geological significance of Cenozoic lacustrine microbial rocks in Qaidam Basin	12	Yue-Feng Shen (沈越峰) Jian-Gong Wang (王建功)
14:15-14:30	2	Ping Zhang	张平	Seismic petrophysical characteristics and lithofacies identification of mixed carbonate rocks in Qaidam Basin	12	
14:30-14:45	3	Cong Lin	林聪	A lacustrine carbonate record of climate fluctuation: mixed siliciclastic-microbial carbonate sediments in the Lower Cretaceous Junggar Basin	12	
14:45-15:00	4	Shiming Zhang	张世铭	Characteristics and genetic analysis of microbial carbonate reservoirs in Xiaganchaigou Formation, western Qaidam Basin	12	
15:00-15:15	5	Yajie Chen	陈亚婕	Nanzhang-Yuanan Fauna Burial Carbonate Laminites in the Lower Triassic Jialingjiang Formation, South China: Origins and Significances	12	
15:15-15:30	Break					
15:30-15:45	6	Jiahao Kang	康家豪	Main controlling factors and enrichment models of organic matter in the Lower Jurassic Dongyuemiao shale in Sichuan Basin, China	13	Guang-You Zhu (朱光有) Zhi-Fei Zhang (张志飞) Xiao-Min Xie (谢小敏)
15:45-16:00	7	Yumin Liu	刘于民	The Influence of Relative Content Composition of Different Bioorganic Matter Sources on the Potential Evaluation of Source Rocks in the Late Triassic Xujiahe Formation Source Rock Sublayers of the Sichuan Basin	13	
16:00-16:15	8	Yi-Nuo Zhang	张怡诺	Hydrocarbon-forming biocharacteristics of highly evolved marine carbonate rocks: A case study of Majiagou Formation in Ordos Basin	13	
16:15-16:30	9	Guang-You Zhu	朱光有 (invited)	Tectonic-Sedimentary Responses to Major Geological Events, Source Rock Formation Mechanisms and Resource Potential at Depths greater than 10,000 Meter	13	
16:30-16:45	10	Rao Fu	付饶	The first look at the diverse fossil assemblage with soft parts preserved in the Upper Ordovician Pingliang Formation of North China	13	

9. Agenda of Sessions 4, 9, 11 (Room 3, on the 1st floor, Xihua hall (西华厅))

a.m., 25th	Sn	Name		Titles of oral presentations	Sessions	Hosts
8:00-8:15	1	Hongwei Kuang	旷红伟 (invited)	Mesoproterozoic stromatolites of the Shennongjia Group in the northern margin of Yangtze Block, China	4	Zuo-Zhen Han (韩作振) M. Steiner
8:15-8:30	2	Ahmed Khaled	Ahmed Khaled	Characteristics and depositional environment of the Early Mesoproterozoic Fengjiawan Formation stromatolites in the southern margin of the North China Craton	4	
8:30-8:45	3	Zongxia Chen	陈宗霞	The Permian-Triassic boundary microfossils from the Gaohua section, Cili county, Hunan Province, China	4	
8:45-9:00	4	Qianqian Li	李倩倩	Characteristics and sedimentary environment of stromatolites in the second member of the Middle Proterozoic Longjiayuan Formation in Western Henan Province, China	4	
9:00-9:15	5	Hao Yun	贲浩	A microbial-metazoan build-up from the Cambrian Stage 4 of South Australia	4	
9:15-9:30	6	Liubin Wei	魏柳斌	Distribution and geological significance of microbial rocks during middle-late Ordovician tectonic transition in Ordos Basin	4	
9:30-9:45	7	Ying Li	李莹	Features and formation environment of Early Cambrian microbialites from Tarim Basin, China	4	
9:45-10:00	8	Xiaotong Zhou	周晓彤	Biom mineralization mechanism of struvite for nitrogen and phosphorus removal based on magnesium supplied by dolomite and its application	4	
10:00-10:15	Break					
10:15-10:30	9	Jusun Woo	Jusun Woo (ol) (invited)	Formative process of Cambrian dendrolite bioherms on a mixed carbonate-siliciclastic platform, Taebaeksan Basin, eastern Korea	4	Hong-Wei Kuang (旷红伟) Jusun Woo
10:30-10:45	10	Zuo-Zhen Han	韩作振 (invited)	Characterization and origin of microbial carbonate pores in Dengying Formation, North Sichuan Basin, China	4	
10:45-11:00	11	Yongkui Han	韩永奎	Effect of magnesium and ferric ions on the biomineralization of calcium carbonate	4	
11:00-11:15	12	Shengping Jin	金生平	Mechanism and application of the biomineralization of calcium and manganese ions induced by halophilic bacteria in hypersaline environment	4	
11:15-11:30	13	Yang Li	李扬	Sedimentary characteristics and facies models of the early Cambrian Xiaerbulak carbonates, Tarim Basin, China	4	
11:30-11:45	14	Zhiyong Liu	刘智勇	Biom mineralization of calcium, magnesium and ferric ions induced by halophile Bacillus subtilis in hypersaline environment and its application	4	

p.m. 25th	Lunch time					
14:00-14:15	1	Xiaofei Zhu	朱筱菲	Mechanism of carbonate mineralization for the removal of calcium and barium ions by <i>Bacillus licheniformis</i> in high-salt wastewater and its application	4	Ming-Yi Hu (胡明毅)
14:15-14:30	2	Xin Zhuang	庄欣	Co-removal of calcium and zinc ions from hypersaline oilfield wastewater by <i>Lysinibacillus xylanilyticus</i> bacteria	4	
14:30-14:45	3	Yini Liu	刘艺妮	Development characteristics and distribution prediction of Cambrian microbial mounds in Tarim Basin	9	
14:45-15:00	4	Rong Yang	杨容	Study on Reservoir Characteristics and Main Control Factors of Maokou Formation in East Sichuan Basin	9	
15:00-15:15	5	Gengxin Chen	陈更新(ol)	Formation Mechanism and Controlling Factors of Microbial Reservoir in Dengying Formation, Sichuan Basin	9	
15:15-15:30	Break					
15:30-15:45	6	Shourui Dai	代守瑞	Influence of microbial carbonate structure on pore characteristics: A case study of Dengying Formation in northeast Sichuan Basin	9	Chun-Fang Cai (蔡春芳) Xian-Guo Lang (郎咸国)
15:45-16:00	7	Hao Fang	方浩	High oxygen concentration in shallow seawater during a transient mid-Proterozoic oxygenation event revealed by iodine content in water-column precipitated calcite	11	
16:00-16:15	8	Guo-Wei Zhao	赵国伟	Morphological characteristics and paleoenvironmental significance of framboidal pyrite in the Lower Silurian Longmaxi Formation from well WY1 in Weiyuan-Rongxian Area, southern Sichuan Basin	11	
16:15-16:30	9	Chun-Fang Cai	蔡春芳 (invited)	Direct and indirect anaerobic oxidation of methane by Mn oxides in sulfate-poor environments	11	
16:30-16:45	10	Kun Zhao	赵坤	Low marine sulfate levels during the initiation of the Cryogenian Marinoan glaciatio	11	
16:45-17:00	11	Xianguo Lang	郎咸国 (invited)	Marine euxinia during the melting of the Sturtian glaciatio	11	

10. Agenda of Sessions 6, 7, 10 (Room 4, on the 12th floor)

a.m., 25th	Sn	Name		Titles of oral presentations	Session	Hosts
8:00-8:15	1	Jian Chen	陈健	Toxic effects of inorganic sunscreens (nZnO and nTiO ₂) on scleractinian coral <i>Galaxea fascicularis</i>	6	Ke-Fu Yu (余克服) Ya-Ru Kang (康亚茹)
8:15-8:30	2	Mengyao Cui	崔梦瑶	Sexual reproduction of scleractinian corals in the Weizhou Island, Guangxi	6	
8:30-8:45	3	Leilei Jiang	江蕾蕾	Development Process and Ecological Significance of Holocene Coral Reef in the Weizhou Island, China	6	
8:45-9:00	4	Jie Gao	高洁	Content and source analysis of organic carbon in outer slope sediments of Yongle Atoll, Xisha Islands, China	6	
9:00-9:15	5	Mingfeng Lei	雷明凤	The rapid ecological degradation and its impact on fish of the Yinyu Island in the Xisha Archipelago, China	6	
9:15-9:30	6	Yueer Li	李悦儿	Characteristics of growth rate of <i>Porites</i> corals from Tanmen, Hainan Island and their climatic significance during the Mid-Holocene	6	
9:30-9:45	7	Hao Wang	王浩	Orbital-insolation controlled <i>Porites</i> coral $\delta^{13}C$ seasonality variations since the mid-Holocene in the northern South China Sea	6	
9:45-10:00	8	Rui Wang	王瑞 (invited)	Atmospheric freshwater reconstruction of coral reef limestone and its paleo-environmental significance: a case study of the Pleistocene Series of Well Chenke 2, Xisha Islands	6	
10:00-10:15	Break					
10:15-10:30	9	Yonggang Wang	王永刚	Molecular response of coral <i>Porites lutea</i> holobionts from Weizhou Island under heat stress	6	Hong Xu (许红) Feng Zhang (张锋)
10:30-10:45	10	Xuelu Wei	韦雪露	Acute and chronic low-temperature stress responses in <i>Porites lutea</i> from a high-latitude coral reef of the South China Sea	6	
10:45-11:00	11	Yang Yang	杨洋	Weathering characteristics and influencing factors of coral reef carbonate in Xisha Islands, South China Sea since Miocene	6	
11:00-11:15	12	Jiaoyang Yu	余骄洋	Regulation of the Symbiotic bacteria and transcriptome in <i>Porites lutea</i> under feeding by crown-of-thorns starfish	6	
11:15-11:30	13	Yaru Kang	康亚茹 (invited)	Organophosphate esters (OPEs) in a coral reef food web of the Xisha Islands, South China Sea: occurrence, trophodynamic, and exposure risk	6	
11:30-11:45	14	Depeng Li	李德鹏	Characteristics and research status of the Carboniferous marine environment	7	

p.m. 25th		Lunch time					
14:00-14:15	1	Daizhao Chen	陈代钊 (invited)	Environmental constraints on the development and evolution of Early Cambrian sponge-microbial buildup in Tarim Basin.	7	Xiu-Qing Yang (杨秀清) Le Yao (要乐)	
14:15-14:30	2	Xiao Li	李骁	Distribution of skeletal grains in facies and response to environment: a case study in Guizhou, South China	7		
14:30-14:45	3	Xinyi Ren	任心宜	Multiple-approaching to architectures and micro-structures of the Siliurian chain corals Halysites from the Shiniulan Formation, Guizhou, South China	7		
14:45-15:00	4	Zhenyu Song	宋振宇	Microbialite succession of Lower Ordovician in the middle Yangtze region and its implications for the GOBE	7		
15:00-15:15	5	Junjie Wang	王俊杰	Sedimentary Evolution and Sea-Level Fluctuation of Late Pennsylvanian Carbonate Platform in Southern Guizhou Province, China			
15:15-15:30	Break						
15:30-15:45	6	Dexiang Gan	甘德祥	The discovery of phosphatized planktonic green algae fossils in the source rocks of Chang 7 member of Yanchang Formation in Ordos Basin	7	Dai-Zhao Chen (陈代钊)	
15:45-16:00	7	Bao-Peng Song	宋宝鹏	Small Skeletal Fossils associated with Archaeocyathid reef from the Xiannvdong Formation (Cambrian Series 2) of southern Shaanxi, China	7		
16:00-16:15	8	Ya-Mei Deng	邓亚梅	The Lower Ordovician Microbialites in the Songzi Area of Hubei Province	7		
16:15-16:30	9	Guanming Lai	赖冠明	Characteristics and roles of the peloidal micrites in the Late Carboniferous microbial reefs of southern Guizhou, China	9		
16:30-16:45	10	Xiuqing Yang	杨秀清 (invited)	The deposition of Ediacaran non-glacial iron formations and its implications for marine phosphorus cycle	10		
16:45-17:00	11	Guowei Yang	杨国威	Pulse of intense oxidative weathering during early Mid-Proterozoic era	10		

11. Agenda of Closing Ceremony (Room 3, on the 1st floor, Xihua hall (西华厅))

Afternoon of September 25, 2023

Time	Programs	Host
17:10-17:15	Professor Zuo-Zhen Han from Shandong University of Science and Technology, Deputy Secretary General of the organizing committee of the conference, will announce the 15 winners of the "Excellent Presentation Awards for Students"	Yong-An Qi
17:15-17:30	Professor Ya-Sheng Wu, Chairperson of the International Biopetrological Association, present certificates to the winners, and Professor. Ying-Jie Li, Vice Dean of School of Geosciences, Hebei GEO University, will present prizes to the winners	
17:30-17:35	Hua-Chuan Jiang from Northwest University, as the representative of the winners, will make a speech	
17:35-17:40	Professor Ying-Jie Li, Vice Dean of School of Geosciences, Hebei GEO University, will announce the winners of the "Excellent Organization Award"	
17:40-17:45	Professor Ya-Sheng Wu, Chairperson of the International Biopetrological Association, will present the award certificate to the winners	
17:45-17:55	Professor Ya-Sheng Wu, Chairperson of the International Biopetrological Association will give a summary speech	
17:55-17:56	Professor Ya-Sheng Wu, Chairperson of the International Biopetrological Association will declare the end of the congress	

12. Post-Conference Field Trips

Trip 2:

(1500 CNY/non-student, 1100 CNY/student)

(3 days; leader: Hong-Xia Jiang and Zheng Liang Guo)

-- To visit three Paleoproterozoic and Mesoproterozoic microbialite profiles and two Cambrian microbialite profiles near Shijiazhuang.

Trip 3:

(2650 CNY/non-student, 2100 CNY/student)

(4 days; leader: Prof. Wen-Qing Pan, Senior engineer Xiu-Fen Zhai)

-- To visit the Mesoproterozoic microbialite profiles in the Jixian National Geopark. The profiles are worldwide famous, with large thickness, good exposure and exquisite microbialites.

Trip 4:

(3400 CNY/non-student, 2400 CNY/student)

(4 days; leader: Associate Prof. Xue-Song Tian)

-- To visit the world's only Permian Lopingian coral reefs, calcisponge reefs, mysterious and controversial P-T boundary "microbialites", the cyanobacterial castostone in Cili, Hunan Province. It is only 1.3 hours' drive away from the famous World Natural Heritage Zhangjiajie National Park.

Trip 5:

(6700 CNY/non-student, 4700 CNY/student)

(5 days; leader: Research fellow Tian-Ran Chen)

-- To visit the colorful modern coral reefs at Sanya and the Ximao and Dongmao islands, Hainan Province, China. They are excellent places to survey the interaction between modern coral reef ecosystems and environments, and marine biodiversity. Sampling is subject to approval.

Pay the fee by <https://biopetrology.com/pay>

* More than 15 participants are required for each trip. The conference will arrange and afford the travels and accommodations for these trips.

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19. Transportation Guide

- ① [Beijing West Railway Station \(北京西站\)](#) → [Shijiazhuang High-speed Railway Station \(石家庄高铁站\)](#) :

It is 1 hour for the fastest high-speed train. It is better to buy the ticket 1 to 2 days in advance in the mobile phone app named 12306.

- ② [Shijiazhuang High Speed Railway Station \(石家庄高铁站\)](#) → [Taihang State Guesthouse \(太行国宾馆\)](#) :

The distance is 5.3 km. You can follow the arrow on the ground to the taxi station to take a taxi and drop at the Taihang State Hotel.

- ③ [Shijiazhuang Zhengding Airport \(石家庄正定国际机场\)](#) → [Taihang State Guesthouse \(太行国宾馆\)](#) :

The distance is 38.5 km. You can take a taxi to the Taihang State Guesthouse, or take a airport bus and get off at the Zhengding Stop, then change to bus No. 201 and get off at the Beiguo Mall Stop, and then change to bus No. 6 and get off at the Bailou Hotel Stop.

20. Safety

All attendees going to field trips should pay attention to your safety. Please purchase some kind of life insurance. If any safety problem is caused by personal reasons, you should be responsible for it.

21. Contact Information

Please send abstracts, applications or other messages to biopetrology@qq.com.

Mobile phone and Wechat:

+86-10-18618382036 (Hong-Xia Jiang, 姜红霞), +86-10-19933071917 (Ao-Ran Liu, 刘傲然), +86-10-18032066002 (Zhi-Yuan Zhang, 张志远)

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