



42nd Annual Meeting of TSOP

第42届国际有机岩石学学会年会

Beijing, China | September 3 -10, 2026



会议手册

Conference Handbook

Organized by
China University of Mining and Technology (Beijing)
Taiyuan University of Technology



TABLE OF CONTENTS

WELCOME LETTER.....	01
ORGANIZERS AND CO-ORGANIZERS	02
MEETING CONTACT.....	03
TSOP 2026 ORGANIZATION	04
SCHEDULE OF EVENTS	05
DETAILED PROGRAM	06
POSTER SESSION	14

WELCOME LETTER

On behalf of the local organizing committee, it is our great pleasure to welcome you all to the 42nd Annual Meeting of The Society for Organic Petrology (TSOP), taking place in Beijing during this beautiful autumn of 2026.

We would like to begin by expressing our sincere appreciation to each of you for making this meeting possible. Our heartfelt thanks go to the oral and poster presenters for sharing your valuable research, as well as to all attendees whose active participation and keen interest have greatly enriched this gathering. We are also delighted that many of you have brought your companions to join us in experiencing this vibrant city. It is our hope that the scientific program we have prepared will prove both professionally rewarding and intellectually stimulating, offering insights and inspiration that will benefit your ongoing and future research endeavors.

We are deeply grateful to the TSOP council members for their unwavering guidance and support throughout the planning process. We also wish to extend our warmest thanks to all our sponsors, whose practical assistance and generous financial contributions have been instrumental in bringing this event to fruition.

A very special note of thanks goes to the doctoral and master's students from China University of Mining and Technology (Beijing) and Taiyuan University of Technology. As volunteers, they have taken on a tremendous range of responsibilities, from website development and maintenance, hotel coordination, abstract compilation, airport pickup and drop-off, to manning the registration desk. Despite the heavy workload, they have always greeted everyone with warm smiles. Their dedication and hard work deserve our highest recognition and appreciation.

Finally, we would like to take this opportunity to wish you all a most enjoyable conference experience, a pleasant stay in Beijing, and the very best of this lovely autumn season!

Prof. Dr. Shifeng Dai
Academician of the Chinese Academy of Sciences, Committee Chair
On behalf of the Organizing Committee of TSOP Beijing 2026

ORGANIZERS AND CO-ORGANIZERS

Organizing Institutions:

- China University of Mining and Technology (Beijing) / 中国矿业大学 (北京)
- Taiyuan University of Technology / 太原理工大学

Co-organizing Institutions:

- National Engineering Research Center for Coalbed Methane Development and Utilization / 煤层气开发利用国家工程研究中心
- General Prospecting Institute of China National Administration of Coal Geology / 中国煤炭地质总局勘查研究总院
- Shanxi Academy of Geological Sciences / 山西地质科学研究院
- Beijing Maitewei Technology Co., Ltd. / 北京麦特微科技有限公司
- Guizhou Geological and Mineral Resources Development Institute / 贵州省地质矿产开发院
- Jiangsu Institute of Geological and Mineral Design, China National Administration of Coal Geology / 中国煤炭地质总局江苏地质矿产设计研究院
- China Coal Technology Engineering Group Xi'an Research Institute (Group) Co., Ltd. / 中煤科工集团西安研究院 (集团) 有限公司
- Beijing Craton Testing Service Co., Ltd. / 北京克拉通检测服务有限公司
- Yunnan Bureau of Coal Geology / 云南省煤田地质局
- Sichuan Institute of Energy Geological Survey and Research / 四川省能源地质调查研究所
- Anhui Tongzhengyuan Testing Co., Ltd. / 安徽同正源检测有限公司
- Suzhou Niumag Analytical Instrument Corporation / 苏州纽迈分析仪器股份有限公司
- Kehui Testing (Tianjin) Technology Co., Ltd. / 科荟测试 (天津) 科技有限公司

MEETING CONTACT

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TSOP 2026 ORGANIZATION

Organizing & Program Advisory

- **Committee Chair:** Shifeng Dai
- **Organizing Committee Members:**
Jiayi Ai, Xiaofang He, Kuo Li, Chao Liu, Yu Liu, Jing Lu, Beilei Sun, Na Xu, Ruiwen Yan, Xiaoyun Yan, Shixi Zhang, Shuai Zhang, Zhengfu Zhao, Kai Zhou

TSOP Council

- **President:** Magdalena Misz-Kennan
- **Vice President:** Grzegorz Lis
- **Secretary:** Alexander Wheeler
- **Treasurer:** Carolina Fonseca
- **Editor:** Biao Fu
- **Councilor:** Ferian Anggara, Marvin Moroeng

Time	Thursday Sept.3	Friday Sept.4	Saturday Sept.5	Sunday Sept.6	Monday Sept.7	Tuesday Sept.8	Wednesday Sept.9	Thursday Sept.10
8:00-8:30	Registration	Registration	Registration	Registration	Field Trip	Field Trip	Field Trip	Return to Beijing
8:30-9:00								
9:00-9:30								
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19:00-20:30								
20:30-21:30								

TSOP DETAILED PROGRAM

Thursday Sep. 3		
Registration	Time	Place
	08: 00-20: 30	Registration Desk of Hotel

Friday Sep. 4				
Event	Time	Topic	Presenter	Place
Workshop	09: 00-17: 00	Measuring Methane: From Resource to Fugitive Emissions	Dr. Tim A. Moore Dr. Kaydy L. Pinetown	Azalea Hall 杜鹃厅
		AI for Coal Geology	Dr. Na Xu	Gingko Hall 银杏厅

Event	Time	Place
Registration	08: 00-19: 00	Registration Desk of Hotel
TSOP Council Meeting	19: 00-21: 30	Bauhinia Hall 紫荆厅
Ice Break	18: 00-20: 30	Regal Splendor Hall 锦宸厅

Saturday Sep. 5

• Place: Peony Ballroom1+2 (牡丹1+2厅) •

Time	Program	Speaker	Moderator
08: 30-08: 40	Opening Remarks	Bo Liu	Shifeng Dai
08: 40-08: 50	Opening Remarks	Magdalena Misz-Kennan	
08: 50-09: 00	Group Photograph		

Invited Presentation (25 min per speaker, 20+5 min)

• Place: Peony Ballroom1+2 (牡丹1+2厅) •

Time	Presentation Title	Speaker	Moderator
09: 00-09: 25	Good Production Well = Happy Geologist or What Makes a Coalbed Methane Play Commercially Successful?	Tim A. Moore	Joan Esterle
09: 25-09: 50	Deep Coalbed Methane in China: From Concept to Production	Lihong Zhou	
09: 50-10: 15	Gas Content and Storage Capacity of Coals and Carbonaceous Shales: An Experimentalist’s (Re)View	Bernhard M. Krooss	
Coffee Break (20 min)			Ferian Anggara
10: 35-11: 00	Successful Direct U-Pb Dating of Vitrinite in Coal, A Second Example	Beilei Sun	
11: 00-11: 25	Critical Element Composition of Selected South African Coalfields	Marvin Moroeng	
11: 25-11: 50	AI for Coal Geology	Na Xu	

Lunch	Time	Place
	12: 00-13: 00	Oriental Garden Buffet 东方苑自助餐厅

Saturday Sep. 5

Parallel Session Presentation: Coal Geology (20 min per speaker, 15+5 min)

• Place: Multimedia Conference Room (多媒体会议室) •

Time	Presentation Title	Speaker	Moderator
14: 00-14: 20	Discussion on the Definition of Shallow-Water Deltas and Delta Classification Issues	Longyi Shao	Leszek Marynowski
14: 20-14: 40	Alteration of Selected Properties of Scots Pine and Horse Chestnut Trees During Fires-Microscopical and Geochemical Approach	Monika Kościelny	
14: 40-15: 00	Hydrogen Adsorption in Anthracite: Experiments and Molecular Simulations	Dangyu Song	
15: 00-15: 20	Coal-forming Environment Classification and Evolution of Coal Petrological Characteristics	Yong Li	
15: 20-15: 40	Characteristics and Development Status of China's Coal Resources	Jie Sun	
Coffee Break (20 min)			Jing Lu
16: 00-16: 20	Xylites as an Archive of Magnetotactic Bacteria Activity in Sedimentary Systems	Dorota Staneczek	
16: 20-16: 40	Deep-time Evolution of Peat Mire Ecosystem Disturbed by Volcanism During the Carboniferan-Permian Transition	Xue Peng	
16: 40-17: 00	Physical and Chemical Characterizations of Fire-Induced Organic Matter	Aliza Niazi	
17: 00-17: 20	Lithium, Gallium, Germanium, and Uranium in China's Coal and Combustion By-products: A Data-Driven Assessment	Leiyuan Wang	

Conference Dinner	Time	Place
	18: 00-20: 30	Everlasting Love Lawn 蒲石之恋草坪

Saturday Sep. 5

Parallel Session Presentation: Unconventional Oil and Gas (20 min per speaker, 15+5 min)

• **Place: Paddy Hall (稻香厅)** •

Time	Presentation Title	Speaker	Moderator
14: 00-14: 20	Impact of Original Organic Matter Composition in the Menilite Formation on the Evolution of Solid Bitumen Reflectance During Maturation Simulated by Hydrous Pyrolysis	Marta Waliczek	Bernhard Krooss Bo Liu
14: 20-14: 40	In-situ Transformation of Alginite and Bituminite During Thermal Evolution in Shale Systems: Implications for the Formation of Solid Bitumen	Qingyong Luo	
14: 40-15: 00	Gas-Source Comparison of Xujiahe Tight Gas in the Hexingchang and Dayi Areas	Yunyan Ni	
15: 00-15: 20	Characterization of Pore Structure in Shale Gas Reservoirs: Review and Prospects	Shangbin Chen	
15: 20-15: 40	Path-dependent Petrographic and Nanoscale Geochemical Evolution of Macerals in Lacustrine Shale: Insights From the Permian Lucaogou Formation	Liu Wang	
Coffee Break (20 min)			
16: 00-16: 20	Micro-Migration and Accumulation Characteristics of Shale Oil and Gas: New Insights from Geochemical Studies	Yong Ma	
16: 20-16: 40	Formation, Structure, and Hydrocarbon Generation Characteristics of Type I Sulfur-rich Kerogen: Insights from the Miocene Nördlinger Ries Sediments	Zibin Zhao	
16: 40-17: 00	Shale Pore Rebound Mechanisms and Their Controls on Gas Accumulation during Late Differential Tectonic Uplift	Yang Wang	
17: 00-17: 20	The Effect of Hydrogen Peroxide on Macromolecular Structure and Wettability in Different Rank Coals	YanJun Meng	

Conference Dinner	Time	Place
	18: 00-20: 30	Everlasting Love Lawn 蒲石之恋草坪

Sunday Sep. 6

Parallel Session Presentation: Coal Geology (20 min per speaker, 15+5 min) • **Place: Multimedia Conference Room (多媒体会议室)** •

Time	Presentation Title	Speaker	Moderator
08: 30–08: 50	Occurrence and Extraction of Germanium in Lignite Using Roasting and Leaching	Jinhe Pan	Kaydy Pinetown
08: 50–09: 10	Multiscale Structural Evolution and Methane Adsorption Response of Coal during Rapid Contact Metamorphism	Qiulei Guo	
09: 10–09: 30	Coal-based Graphene Microstructures: Based on Metamorphism Types and Macerals	Ruiqing Li	
09: 30–09: 50	Tectonic–Climatic Controls on Lacustrine Organic Matter Enrichment and Carbon Cycling During the Early–Middle Eocene: Insights from the Beibuwan Basin	Zixuan Liu	
09: 50–10: 10	Late Carboniferous Peat Mire Types and Their Distribution Patterns	Maoyin Tang	
Coffee Break (20 min)			
10: 30–10: 50	Silurian World-Class Source Rock from the Tassili n’Ajjer Plateau (Algeria): Insights into Diagenetic Evolution and Thermal Maturity Assessment	Hocine Djouder	
10: 50–11: 10	Global Distribution, Modes of Occurrence, and Enrichment Mechanisms of Germanium in Coal: Insights from Big Data Integration and Interpretable Machine Learning	Linghao Huang	
11: 10–11: 30	Maceral-Specific Molecular Evolution During Coal Maturation: Correlative O-PTIR–Raman Evidence From Thermal Simulation and A Natural Coal-Rank Series	Shizhen Bie	
11: 30–11: 50	Geochemical Characteristics and Mechanisms of Differential Organic-Matter Enrichment in Jurassic Coal-Measure Source Rocks of the Southern Junggar Basin, NW China	Zhixuan Cao	

Business Lunch	Time	Place
	12: 00-14: 00	Peony Ballroom 3+4 牡丹3+4厅

Sunday Sep. 6

Parallel Session Presentation: Coal Geology (20 min per speaker, 15+5 min)

- Place: Multimedia Conference Room (多媒体会议室) •

Time	Presentation Title	Speaker	Moderator
14: 00-14: 20	Pore-Structure-Controlled Occurrence Modes of Adsorbed and Free Gas in Deep Coal Seams	Rui Shi	Marvin Moroeng
14: 20-14: 40	Uranium Speciation and Its Nanoscale 3D Distribution in Coals from the Yili Basin, Northwest China	Zhanming Guo	
14: 40-15: 00	Lithium content and isotopic composition of Kaolinite in Coal: Insights from High-Resolution SIMS Mapping	Jia Song	
15: 00-15: 20	Study on the Characteristics of Water Vapor Adsorption in Coal	Yuchun Zheng	
15: 20-15: 40	Effect of High Organic Sulfur Content in High-Organic-Sulfur Coal on Coal Properties	Cong Chen	
Coffee Break (20 min)			Wu Li
15: 40-16: 00	Paleoenvironmental and Vegetational Controls on Tar Yield in the Jurassic Xishanyao Formation Coals of Southern Junggar Basin, China	Liyang Zhang	
16: 00-16: 20	Petrographic Reactivity Assessment of Lignite for Underground Coal Gasification in Gujarat, India	Manisha Kumari	
16: 20-16: 40	Role of Mineral and Organic Constituents in Cleat and Fracture Development and Gas Flow Mechanisms in Coals of the Damodar Basin, India	Abrar Sayed Waliallah	

Event	Time	Place
Closing Ceremony	17:00-18:00	Peony Ballroom 3+4 牡丹3+4厅
Dinner	18:00-20:30	Oriental Garden Buffet 东方苑自助餐厅

Sunday Sep. 6

Parallel Session Presentation: Unconventional Oil and Gas (20 min per speaker, 15+5 min)

- Place: Paddy Hall (稻香厅) •

Time	Presentation Title	Speaker	Moderator
08: 30-08: 50	Vitrinite Reflectance Suppression and Skewed Distribution: Indicators of Natural Hydrogen Occurrence in Sedimentary Basins	Jia Wu	Qingling Jiang
08: 50-09: 10	Graptolite and Vitrinite-like Reflectance as Tools for Thermal Maturity Assessment of Lower Paleozoic Shales: A Case Study from the Baltic Basin	Dominika Bogdziewicz	
09: 10-09: 30	Linking Paleoenvironmental Evolution to Organic Matter Accumulation in the Late Ordovician-Early Silurian Renheqiao Formation, the Baoshan Block, Western Yunnan		
09: 30-09: 50	Hydrocarbon Phase Transformation in Paleo-Oil Reservoirs and Its Constraints on the Evolution of Ore-Forming Fluids in the Nanpanjiang Basin	Kangwang Hu	
09: 50-10: 10	Effects of Bedding Fracture Opening-Closure on Shale Oil Enrichment in Hybrid Laminated Shale: Evidence from the Shahejie Formation, Dongpu Sag	Jianfan Liu	
Coffee Break (20 min)			Yong Li
10: 30-10: 50	Resolving Rock Eval Limitations in Overmature Source Rocks Using High Temperature Pyrolysis	Xiaowei Zheng	
10: 50-11: 10	The Characterisation of Liptinite, Vitrinite and Inertinite using ToFSIMS, Petrography and GCMS to Assess Unconventional/Conventional Source Richness in the Gippsland Basin	Muhammad Firdaus	
11: 10-11: 30	The Effect of Hydrothermal Activity on Organic Matter Enrichment in Continental Lake Basin: A Case Study of Xiagou Formation Shale in Qingxi Sag	Xia Wu	
11: 30-11: 50	Progress in the Application of Micro-Nano CT Scanning Technology in Unconventional Oil and Gas Geology Research	Wei Lin	

Business Lunch	Time	Place
	12: 00-14: 00	Peony Ballroom 3+4 牡丹3+4厅

Sunday Sep. 6

Parallel Session Presentation: Unconventional Oil and Gas

(20 min per speaker, 15+5 min)

• Place: Paddy Hall (稻香厅) •

Time	Presentation Title	Speaker	Moderator
14: 00-14: 20	In-situ Occurrence Characterization of Shale Oil and Effectiveness Analysis of Fracturing Fluid Paleoenvironmental Evolution and	Caoxunzi Tian	Marta Waliczek
14: 20-14: 40	Characteristics and Evolution Model of Closed Pores in Different Lithofacies Shales of the Sinian-Cambrian systems in Western Hubei-A Case Study of EYD4 Well	Lei Zhang	
14: 40-15: 00	Lithofacies Controls on Shale Pore Development and Oil Occurrence: A Case Study from the Upper Triassic Yanchang Formation, Ordos Basin, China	Junhan Cheng	
15: 00-15: 20	Artificial Thermal Transformation of Lacustrine Organic-Rich Shale: Implications for the In-situ Conversion Process in China	Zhengyu Wu	Meifen Li
15: 20-15: 40	Organic Matter Enrichment Mechanism of Organic-Rich Shales in Rift Lacustrine Basins: A Case Study of the Second Member of Paleogene Kongdian Formation, Cangdong Sag, Bohai Bay Basin	Gupan Li	
15: 40-16: 00	Microscale Structural Heterogeneity of Solid Bitumen and Mineral-Organic Interactions in Gulong Shale: A Combined O-PTIR and Raman Spectroscopic Study	Zhengyan Wu	

Coffee Break (20 min)

Event	Time	Place
Closing Ceremony	17:00-18:00	Peony Ballroom 3+4 牡丹3+4厅
Dinner	18:00-20:30	Oriental Garden Buffet 东方苑自助餐厅

POSTER SESSION

• Sep. 5 9:00 AM to Sep. 6 5:00 PM •

Theme	Title	Authors
Critical Minerals in Coal	Roles of natural organic matter in fixing uranium: Evidences from uranium chemical valence and functional groups of organic matter	Fan Zhang
Critical Minerals in Coal	Unlocking critical element pathways in coal: Source-to-sink redistribution from Tayan Granite-Bauxite terranes to tropical peatlands, West Kalimantan, Indonesia	Ferian Anggara, Aulia Agus Patria, Mochamad Fachruddin Yusra, Salman Al Farizi, Yunanto Budi Prasetyo, Aldian Fahrialam, Esti Handini, Yan Restu Freski, Tim A. Moore
Critical Minerals in Coal	Enrichment of Al-Li-Ga-Nb(Ta)-Zr(Hf) in the Permo-Carboniferous coal-bearing sequences of the Jungar Coalfield, northern China	Yuan Wang
Critical Minerals in Coal	Occurrence characteristics and co-enrichment mechanisms of strategic metals in a typical bauxite-bearing sequence from the Nanyang mining area, Xiaoyi, Shanxi Province, China	Zihan Zhang
Critical Minerals in Coal	Occurrence and enrichment of REY in Pengzhuang coals, Shandong Province, China: Influence of volcanic ash input	Xue Zheng, Mengjing Zhou, Daiting Han, Zi Wang
Critical Minerals in Coal	An investigation into the degree of weathering of coal discards from the Witbank Coalfield: An assessment of the mineral association of critical raw materials	Nkwamza X., Maphoso R., and Malumbazo N.
Critical Minerals in Coal	Differential occurrence mechanism of germanium in germanium-rich coals of different metamorphic degrees based on organic macromolecular structures	Jingzhi Li
Critical Minerals in Coal	Mechanism and controlling factors of paleoweathering crust sedimentary-type titanium deposits in the Central-Eastern North China Craton: A case study of the Upper Carboniferous Benxi Formation in the Zibo-Zhangqiu area	Dongdong Wang, Jichun Sun
Critical Minerals in Coal	Anhydrosaccharides as wildfire biomarkers preserved in Middle Miocene marine clays	Leszek Marynowski, Dorota Staneczek, Rui Zhao
Critical Minerals in Coal	Impact of epigenetic fluid alteration on the enrichment of critical metals (REE-Li) in coal: Evidence from geochemistry and Li isotopes	Xiaoxia Wang, Shuzheng Ning, Zhiwei Zhai, Mingmei Zhang, Yilin Xiao, Yangyang Wang

Theme	Title	Authors
Critical Minerals in Coal	Provenance and enrichment mechanisms of Li, REY, and Ga in the Ningdong Coalfield, western Ordos Basin: Constraints from zircon U–Pb geochronology, LA-ICP-MS elemental mapping, and mineralogy	Qi Zhang
Critical Minerals in Coal	Identifying smoke and particulate sources during the Punctata Event: Insights into the interpretation of paleo-wildfire proxies	Rui Zhao, Michał Rakociński, Leszek Marynowski
Critical Minerals in Coal	Effects of diabase intrusion on the distribution and occurrence of rare earth elements in low-sulfur coal	Bingxiang Liu, Zixi Wang, Tong Yin, Qingli Zhu
Critical Minerals in Coal	Petrographic characteristics of coal from the Biluut Coalfield, Soumber Complex, Southern Mongolia	Sanjamts Batgerel, Ganbold Soyolmaa, Baasanjav Narmandakh, Batnasan Chimeddagva, Luvsanchultem Jargal, Bat-Orshikh Erdenetsogt
Critical Minerals in Coal	Geological characteristics, coal-forming environment, and paleoclimatic conditions of the Shivee-Ovoo lignite deposit, Mongolia	Baatarsaikhan Jargalsaikhan, Ganbold Soyolmaa, Luvsanchultem Jargal, Batbold Demberelsuren, Nyamsambuu Odgerel
Critical Minerals in Coal	Formation of chamosite in coal from the Petangis area, East Kalimantan: Implications for hydrothermal alteration and critical element enrichment	Aldian Fahrialam, Ferien Anggara, Donatus Hendra Amijaya
Critical Minerals in Coal	Coal-Forming Mires	Mengle Liu, Longyi Shao, Christopher R. Fielding, Rong Ding, Kai Zhou, Jintao Kong, Ding Wang, Zhenghui Qi, Jing Lu
Critical Minerals in Coal	Progress of Coal Facies Analysis in China and Discussion on Related Issues	Zhenghui Qi, Longyi Shao, Yuegang Tang, Dongdong Wang, Jing Lu, Mengle Liu, Haojie Lian, Kai Zhou, Haihai Hou, Shifeng Dai
AI for Coal Geology	Characterisation of palaeo-wildfire regime from lignite deposit of Western India; an addition to palaeofire records for better future fire prediction models	Sneha Santhosh, Runcie Paul Mathews, Satendra Kumar Gupta, Gaurav D Chauhan
AI for Coal Geology	A novel framework for geological knowledge extraction in coal-hosted rare earth deposit domain based on deep learning	Pengfei Li, Na Xu, Han Jiang

Theme	Title	Authors
AI for Coal Geology	Impact of storm events on the geochemical characteristics of the Late Carboniferous coal from Yuzhou Coalfield	Qiaojing Zhao, Mengke Bai, Qian Du, Xiaojun Sun, Wenchao Shen, Yanli Yang, Bangjun Liu
AI for Coal Geology	Entropy-informed distance mixture hierarchical clustering for analyzing the modes of occurrence of elements in coal	Anliangyu Qi, Na Xu
AI for Coal Geology	Contrasting fracture-network reconstruction mechanisms and fracturing effectiveness of microwave heating and liquid-nitrogen freeze-thaw treatment in deep coal	Daxing Wang, Jijun Tian, Shuguang Yang, Baoqing Li, Shuo Feng, Yingchun He, Bo Wei, Jiaqun Zou
AI for Coal Geology	Constraint-guided symbolic representation of coal-property combinations for hardgrove grindability prediction	Wei Zhu, Na Xu
Unconventional Hydrocarbon Resources	Macromolecular structural differences and molecular evolution characteristics of tar-rich coals with different maceral compositions: Pyrolysis experiments and ReaxFF molecular reaction analysis	Yujing Li, Wu Li
Unconventional Hydrocarbon Resources	Geochemical behavior of Nigerian Cretaceous shales and coal under artificial maturation: Insights from an EasyRo of 0.56 – 2.91	Abdulkareem Toyin, Falilat Omotolani Idris, N. De Sales Konan
Unconventional Hydrocarbon Resources	Construction of a macromolecular model for activated carbon and its simulation of CH ₄ and N ₂ adsorption	Congcong Yang, Meifen Li, Yungang Zhao
Unconventional Hydrocarbon Resources	Effect of soluble organic matter on the pyrolysis behavior of tar-rich coals from different coal-forming environments	Chunhao Li, Qingmin Shi, Shuangming Wang
Unconventional Hydrocarbon Resources	Scanning electron microscopy–cathodoluminescence identification of low-maturity sedimentary organic matter in shales: examples from the Lucaogou Formation, Junggar Basin	Zhuo Sun, Liu Wang, Zhengyan Wu, Dongxue Fan
Unconventional Hydrocarbon Resources	Multi-scale NMR/CT characterization of pore water migration and pore structure evolution in sandstone under microwave heating	Jiaqun Zou, Jijun Tian, Daxing Wang
Unconventional Hydrocarbon Resources	Molecular structure model construction of different macrolithotypes of Tunlan coal and mechanism research on the difference in CH ₄ /CO ₂ adsorption	Yaqi Yuan, Meifen Li, Shubin Wang
Unconventional Hydrocarbon Resources	Scale-dependent multifractal heterogeneity of pore systems in Lower Cambrian Niutitang Formation shale: Lithofacies and mineralogical controls	Zeyu Lu, Detian Yan

Theme	Title	Authors
Unconventional Hydrocarbon Resources	Clumped isotope characteristics of methane in Late Carboniferous–Early Permian coal measures, southern Qinshui Basin, Shanxi Province, China: Implications for migration-induced fractionation mechanism	Zhanjie Xu, Zhelin Zhang, Xinchu Wang, Zhiyong Pang, Yi Liu, Sheng Xu
Unconventional Hydrocarbon Resources	Organic matter enrichment in the Upper Permian Wujiaping Formation, Western Hubei, South China: A response to late-stage Emeishan Large Igneous Province activity	Liwei Zhang, Detian Yan
Unconventional Hydrocarbon Resources	Construction of a molecular model of Duerping coal and simulation of CH ₄ adsorption behavior	Xiaobo Ma, Meifen Li
Unconventional Hydrocarbon Resources	Multi-scale characterization of micro-migration and occurrence characteristics of shale oil: A case study of the Fengcheng Formation in the Mahu Sag	Lidan Jia, Zhiye Gao
Unconventional Hydrocarbon Resources	Pressure coring light hydrocarbons for determining the gas–oil ratio in shale condensate: an example from the Fuxing area of Sichuan Basin	Qinglai Luo, Yuanjia Han
Unconventional Hydrocarbon Resources	Element geochemistry constrains volcanic influences on organic –matter enrichment from the middle Permian to Early Triassic	Siyuan Feng, Yunyan Ni, Quan Zheng, Mingxuan Di, Linxuan Bai
Unconventional Hydrocarbon Resources	Thermal–hydrological–mechanical coupling analysis of depth-dependent CO ₂ -enhanced coalbed methane recovery	Chenyang Qin
Unconventional Hydrocarbon Resources	Macerals in shale: Composition, evolution and implications for reservoir characterization	Bing Zhu, Bo Liu, Liu Wang, Zhengyan Wu
Unconventional Hydrocarbon Resources	Evolutionary characteristics of pore and pore structure in Longmaxi siliceous shale: Results from anhydrous thermal simulation experiment	Ye Wang, Xuyang Dai, Hexin Huang, Zhongliang Ma, Baojian Shen, Anyang Pan, Tenger Borjigind
Unconventional Hydrocarbon Resources	Titania polymorphs behavior in Pennsylvanian sandstones, Xishan Coalfield, North China: A record of mesodiagenesis and hydrocarbon charge	Xiaozhen Wang, Beilei Sun, Chao Liu
Unconventional Hydrocarbon Resources	Where is coal-derived oil found?	Kuili Jin

We sincerely thank all co-organizers who contributed to the success of the TSOP Beijing 2026 conference

- National Engineering Research Center for Coalbed Methane Development and Utilization / 煤层气开发利用国家工程研究中心
- General Prospecting Institute of China National Administration of Coal Geology / 中国煤炭地质总局勘查研究总院
- Shanxi Academy of Geological Sciences / 山西地质科学研究院
- Beijing Maitewei Technology Co., Ltd. / 北京麦特微科技有限公司
- Guizhou Geological and Mineral Resources Development Institute / 贵州省地质矿产开发院
- Jiangsu Institute of Geological and Mineral Design, China National Administration of Coal Geology / 中国煤炭地质总局江苏地质矿产设计研究院
- China Coal Technology Engineering Group Xi'an Research Institute (Group) Co., Ltd. / 中煤科工集团西安研究院（集团）有限公司
- Beijing Craton Testing Service Co., Ltd. / 北京克拉通检测服务有限公司
- Yunnan Bureau of Coal Geology / 云南省煤田地质局
- Sichuan Institute of Energy Geological Survey and Research / 四川省能源地质调查研究所
- Anhui Tongzhengyuan Testing Co., Ltd. / 安徽同正源检测有限公司
- Suzhou Niumag Analytical Instrument Corporation / 苏州纽迈分析仪器股份有限公司
- Kehui Testing (Tianjin) Technology Co., Ltd. / 科荟测试（天津）科技有限公司

ORGANIZED BY



Mobile Payment

Alipay

International visitors can generally:

1. Download the Alipay App.
2. Register using an overseas mobile number.
3. Complete any required identity verification.
4. Add an eligible international bank card, such as Visa or Mastercard.

Card eligibility, transaction limits and service fees are determined by Alipay and the issuing bank and may change. Participants are advised to complete the setup and make a small test payment before travelling.

WeChat Pay

WeChat Pay may also allow eligible international bank cards to be added. However, account verification and card support may vary. It is best used as an additional payment option rather than the only payment method.

Cash

Chinese yuan is accepted as legal tender. Participants should carry a small amount of cash for emergencies, particularly in case of:

- Mobile network problems
- Low phone battery
- Payment verification failure
- International bank card rejection

Larger banknotes may be difficult to change for very small purchases.

Map Guide

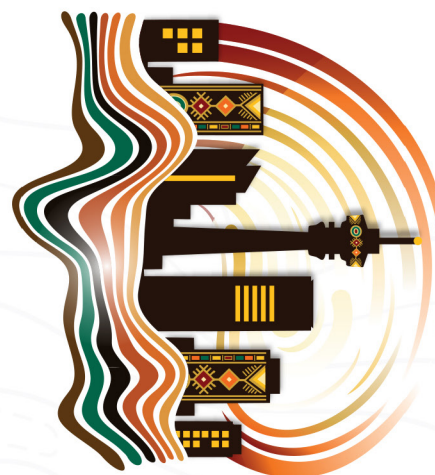
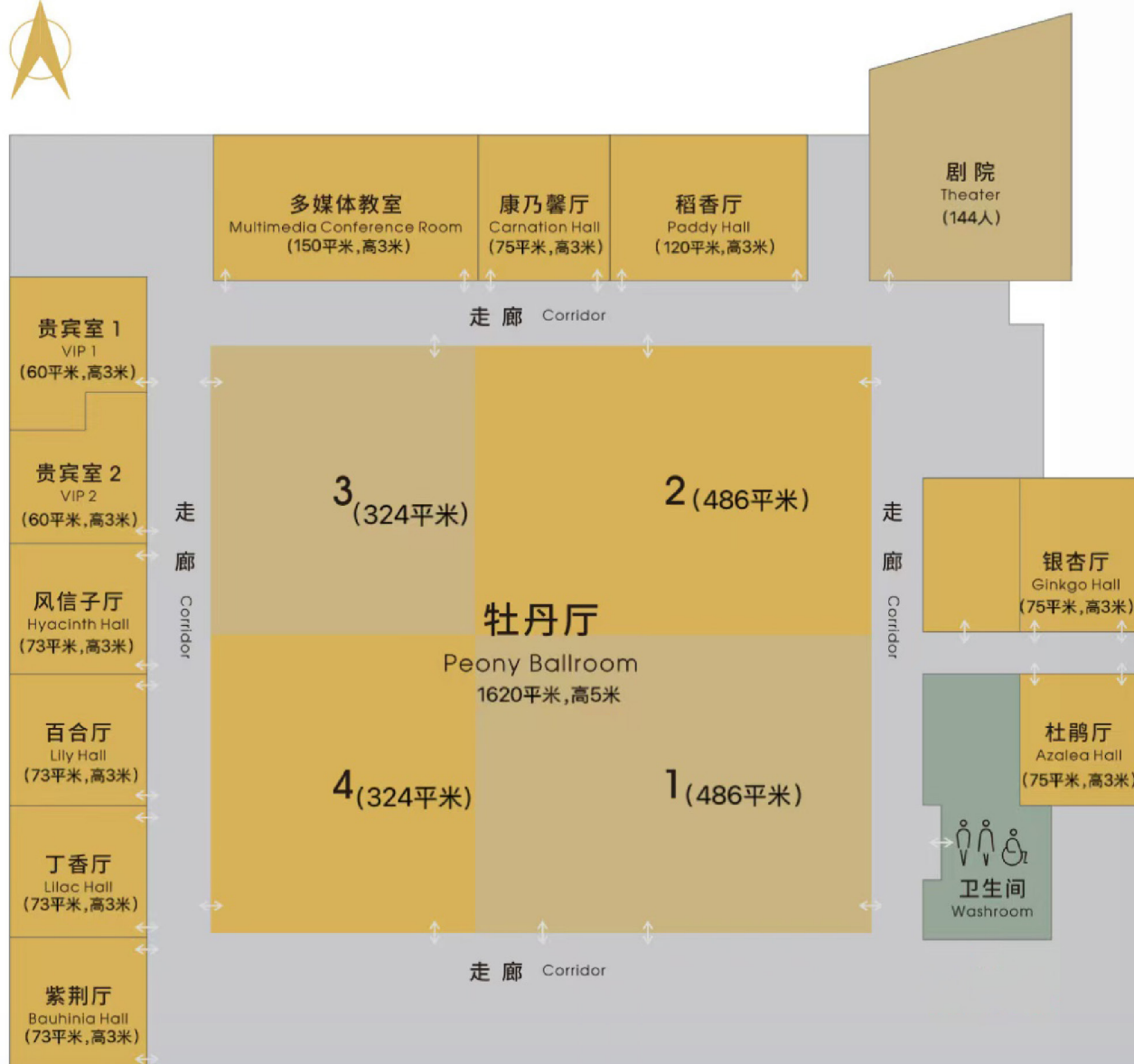


Conference Area Plan Guide Map

会议区平面导览图

CONFERENCE AREA PLAN GUIDE MAP

北京稻香·湖景酒店
NIRVANA RESORT BEIJING



ICCP-TSOP
ANNUAL CONFERENCE
JOHANNESBURG | SOUTH AFRICA
12-19 SEPTEMBER 2027
COAL. CARBON. EARTH. FUTURE.

We are pleased to announce that the respective governing councils of The Society for Organic Petrology (TSOP) and the International Committee for Coal and Organic Petrology (ICCP) have approved a **joint meeting (43rd TSOP – 78th ICCP) to be held in Johannesburg, South Africa, in 2027**. This prestigious international event will be co-hosted by the University of Johannesburg and the University of the Witwatersrand.

43rd TSOP – 78th ICCP
Joint Meeting

12 – 19 Sept 2027

Indaba Hotel,
Johannesburg,
South Africa

University of Johannesburg
& University of the
Witwatersrand, Johannesburg

Programme Highlights

- Expert-led workshops on energy and organic petrology, focusing on oil and gas (including shale gas and coal bed methane), biochar, and critical minerals.
- Technical sessions covering cutting-edge research in these and related fields.
- A two-day field excursion highlighting South Africa's geological and cultural heritage, including Kruger National Park.



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