IGCP739

The Mesozoic-Palaeogene hyperthermal events

# International Workshop on Mesozoic-Palaeogene Hyperthermal Events & Fifth IGCP 739 Workshop Program

**August 16-18, 2025**

**Nanjing, China**

Nanjing University, Xianlin Campus

Website: https://es.nju.edu.cn/igcp739/main.htm

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# 1. Invitation

Extreme global warming events in geologic history, known as hyperthermal events, provide potential analogues for modern warming. These events offer the potential to better understand the forcing(s), responses and feedbacks of the Earth's climate system. The Mesozoic to Paleogene represented a critical period of climatic evolution, during which a series of characteristic hyperthermal events occurred, including: the Permian/Triassic boundary event (PTB), Triassic/Jurassic boundary event (TJB), Toarcian Oceanic Anoxic Event (TOAE), Cretaceous Oceanic Anoxic Events and Paleocene-Eocene Thermal Maximum (PETM).

UNESCO's International Geoscience Programme IGCP-739 (2021–2025) aims to decipher the triggering mechanisms of Mesozoic-Paleogene hyperthermal events and their associated environmental/biological responses. Significant progress has been achieved during the project implementation. To advance understanding of hyperthermal events, disseminate recent findings, and foster interdisciplinary collaboration, the "The International Workshop on Mesozoic–Palaeogene Hyperthermal Events & Fifth IGCP 739 Workshop" will be convened at Nanjing University from August 16–18, 2025. This will be followed by a post-conference field excursion (August 19–26) in southern Tibet focusing on "Environmental Responses to Hyperthermal Events".


We welcome original findings, reviews, or reports on topics including (but not limited to) fundamental sedimentology, stratigraphy, geochemistry, palaeoclimatology and paleontology, as well as deep-time data assimilation studies and paleoclimate Earth system modelling at regional or global scales.

The organizing committee will do its best to provide an ideal environment and excellent facilities for discussing cutting-edge research on hyperthermal events. We look forward to productive discussions and new collaborations.

Conference Organizing Committee Chair

Xiumian HU

## 2. Organizer

School of Earth Sciences and Engineering, Nanjing University

State Key Laboratory of Critical Earth Material Cycling and Mineral Deposits, Nanjing University

Frontiers Science Center for Critical Earth Material Cycling, Nanjing University

IUGS/UNESCO IGCP 739 Project

Natural Science Foundation of China Key Project (No. 42488201)

National Key Research and Development Project of China (No. 2023YFF0804000)

## 3. Scientific and Organization Committee

### Scientific Committee

(in alphabetic order)

Santanu Banerjee, Jian Cao, Xi Chen, Zhongqiang Chen, Jacopo Dal Corso, Ying Cui, Stephen Hesselbo, Xiumian Hu, Masayuki Ikeda, Shijun Jiang, David B. Kemp, Michał Krobicki, Mingsong Li, Chao Ma, Robert J. Newton, Mariano N. Remírez, Micha Ruhl, Haijun Song, Bo Wang, Chengshan Wang, Yongdong Wang, Shiling Yang, Weiqi Yao, İsmail Ömer Yilmaz, Xiaoqiao Wan

### Local Organizing Committee

**Chair**: Xiumian Hu

**Members** (**in alphabetic order**): Jian Cao, Tianyu Chen, Xi Chen, Zhong Han, Tianchen He, Xin Jin, Jingxin Jiang, David Kemp, Xianghui Li, Yongxiang Li, Anlin Ma, Xisheng Xu, Yiwei Xu, Shang Zhu

### Contacts

Jingxin Jiang: Tele: 0086-17805110329; Email: jjxcug24@163.com

Shang Zhu: Tele: 0086-15252450128; Email: zhushang@nju.edu.cn

## 4. General Information

### Onsite Registration

Data & Time: 10:00-22:00 16th August, 2025

Location of Onsite Registration: Lobby, the 1st floor of International Conference Center, Xianlin campus, Nanjing University（南京大学仙林校区国际会议中心）

Onsite Registration Fees (including the formal registration, the abstract volume, handouts, the gala dinner, coffee breaks, and lunch and dinner):

Professional: 370 USD/2,700 CNY; Students: 270 USD/2,000 CNY

### Meals

Buffet Arrangement (Venue: 1F All Day Restaurant):

Aug 16 (Sat), 2025: Dinner

Aug 17 (Sun), 2025: Lunch

Aug 18 (Mon), 2025: Lunch & Dinner

Gala Dinner on a Cruise Ship along the Yangtze River:

17:00-20:00 17th August (Please gather at the main entrance of Nanjing University International Conference Hotel by 17:00 to board shuttle buses)

### Language of the Conference

English is the official language of the workshop. Please note that no simultaneous interpretation services will be provided.

### Guidelines for Presentations

Invited talk (20 minutes) = 15-minutes presentation + 5-minutes Q&A

Regular talk (15 minutes) = 13-minutes presentation + 2-minutes Q&A

Poster presentation: posters should be sized **85 cm × 120 cm (width × height; A0 size)** and must be displayed in advance in the designated area.

### Slide Submission & Technical Support

Presenters are required to submit their presentation slides before the talk begins.

Assistants will be available to assist with uploading slides and technical setup during tea breaks.

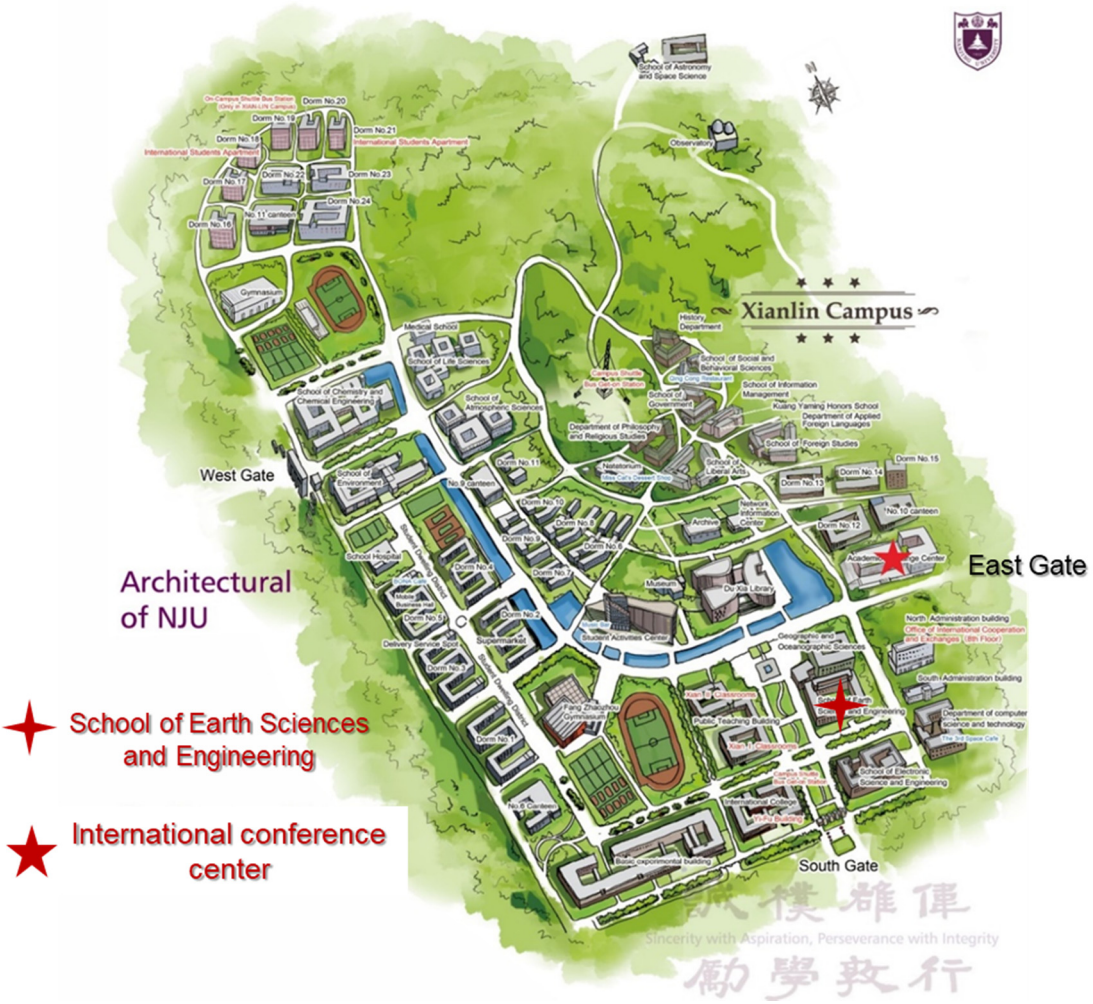
**Please prepare your slides in 16:9 format.**

## 5. Conference Venue & Accommodation

### Conference Venue

Both the workshop and accommodation are arranged in the Nanjing University International Conference Center (南京大学仙林校区国际会议中心). The workshop will be held in the Zijin Hall (紫金厅) at first floor.

Address: No. 163, Xianlin Avenue, Qixia District, Nanjing, Jiangsu




## Transportation

✓ **From Lukou airport to Nanjing University International Conference Center ***

By Metro: Take Metro Line S1 from Lukou Airport, and transfer to Metro Line 3 at Nanjing South Railway Station, then switch to Metro Line 2 at Daxinggong Station to reach the Xianlin Campus of Nanjing University. The journey takes approximately 1 hour and 40 minutes.

By Taxi: Approximately 57 km, takes about 1 hour and costs around 200 RMB.

- ✓ **From Nanjing South Railway Station to Nanjing University International Conference Center**

By Metro: Take Metro Line 3 at Nanjing South Railway Station, then switch to Metro Line 2 at Daxinggong Station to reach the Xianlin Campus of Nanjing University. The journey takes approximately 1 hour.

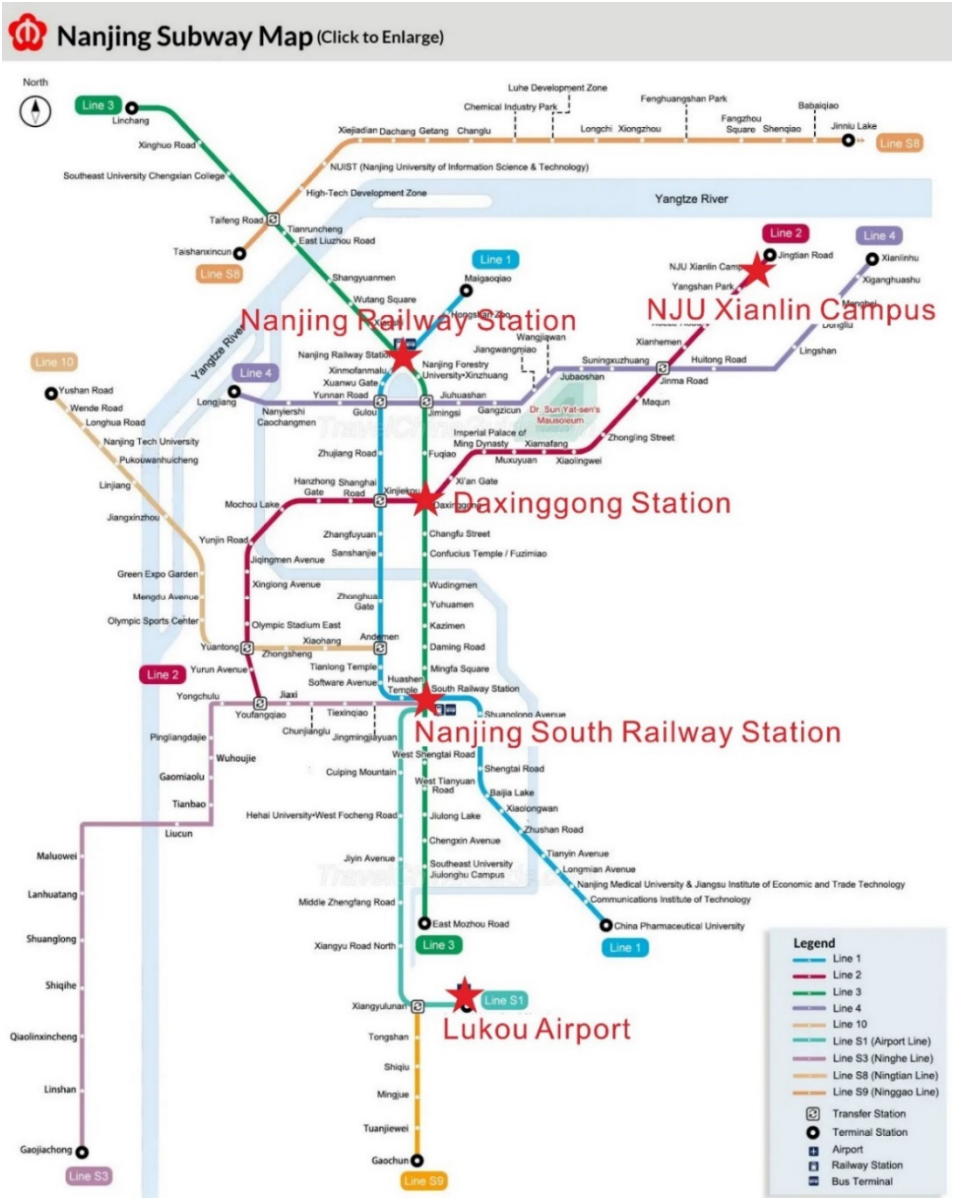
By Taxi: Approximately 30 km, takes about 40 minutes and costs around 80 RMB.

- ✓ **From Nanjing Railway Station to Nanjing University International Conference Center**

By Metro: Take Metro Line 3 at Nanjing Railway Station, then switch to Metro Line 2 at Daxinggong Station to reach the Xianlin Campus of Nanjing University. The journey takes approximately 1 hour.

By Taxi: approximately 17 km, takes about 27 minutes and costs around 50 RMB.

*** Please note that if you need to transfer flights within China, power banks without the 3C mark will not be allowed on board the aircraft.**




## Weathering

| 8月16日 Aug. 16th | 8月17日 Aug. 17th | 8月18日 Aug. 18th |
|---|---|---|
| 26℃ 34℃ 晴 Sunny | 27℃ 36℃ 多云 Cloudy | 28℃ 37℃ 阴 Overcast |

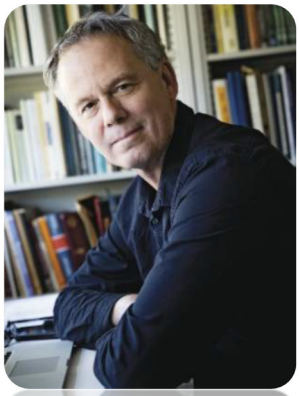
# 6. Keynote Speakers

## Stephen P. Hesselbo

Professor of Geology, University of Exeter, UK

Presentation title:
**Integrated stratigraphy of the Early Jurassic: results from the Jurassic Earth System and Timescale project**

Time: August 17, 9:20-09:40 am



## Timothy Lyons

Professor of Biogeochemistry, University of California, Riverside, USA

Presentation title:
**Inorganic geochemical tracers of marine anoxia during Oceanic Anoxic Events: Windows to the drivers and biotic consequences of hyperthermal events**

Time: August 17, 10:30-10:50 am

## Terry Isson

Professor of Biogeochemistry, University of Waikato, New Zealand

Presentation title:
**Expanding the Urey Framework: Reassessing Carbon–Silica Coupling Across Climatic Events**

Time: August 17, 14:00-14:20 pm

## Weimu Xu

Assistant Professor of Paleoclimatology, Trinity College Dublin, Ireland

Presentation title:
**Hydrological and environmental responses during the Paleocene-Eocene Thermal Maximum at Modgunn Hydrothermal Vent Complex, Norwegian Continental Margin (IODP Expedition 396)**

Time: August 17, 15:05-15:25 pm

## Haijun Song

Professor of Paleontology, China University of Geosciences (Wuhan), China

Presentation title:
**Evidence for the link between hyperthermal events & biotic extinctions**

Time: August 18, 8:30-8:50 am

## Bo Wang

Professor of Paleontology, Nanjing Institute of Geology and Palaeontology, CAS, China

Presentation title:
**Carbon and Hydrological Cycle Changes of the Carnian Pluvial Episode (Late Triassic)**

Time: August 18, 10:25-10:45 am

## David B. Kemp

Professor of Sedimentary geochemistry, China University of Geosciences (Wuhan), China

Presentation title:
**Stratigraphic constraints on maximum rates of carbon release during the Toarcian oceanic anoxic event**

Time: August 18, 14:30-14:50 pm

## Paul Pearson

Professor of Paleontology, University College of London, UK

Presentation title:
**Hothouse carbon cycling and a PETM dead zone: the Paleogene of Tanzania**

Time: August 18, 15:40-16:00 pm

## 7. Workshop Progra

| Position: Zijin Hall (1st floor), Nanjing University International Conference Center | | | |
|---|---|---|---|
| August 17, 2025 Sunday | | | |
| Time | Speaker | Title | Host |
| **Opening Ceremony** | | | |
| 08:30-08:50 | Opening remarks by the representers from the Nanjing University and National Natural Science Foundation of China | | Tianyu Chen |
| 08:50-09:00 | **Xiumian Hu** | Introduction to the Workshop and the IGCP739 Project | |
| 09:00-09:15 | **David B. Kemp** | Scientific Achievements of the IGCP739 Project | |
| 09:15-09:20 | Group photo | | |
| **S1 Long-term climatic and environmental changes in a greenhouse world** | | | |
| 09:20-09:40 | **Stephen P. Hesselbo** | ***Integrated stratigraphy of the Early Jurassic: results from the Jurassic Earth System and Timescale project*** *(keynote)* | Shiling Yang |
| 09:40-09:55 | **Xi Chen** | *Cretaceous Sea Surface Temperature Reconstruction in the Eastern Tethyan Realm* | |
| 09:55-10:10 | **Xiaowei Li** | *Implications of Giant Ooids for the Carbonate Chemistry of Early Triassic Oceans* | |
| 10:10-10:30 | Tea break | | |
| 10:30-10:50 | **Timothy Lyons** | ***Inorganic geochemical tracers of marine anoxia during Oceanic Anoxic Events: Windows to the drivers and biotic consequences of hyperthermal events*** *(keynote)* | David B. Kemp |
| 10:50-11:05 | **Xinyuan Zheng** | *Potassium Isotope Evidence for Enhanced "Reverse Weathering" in the Cretaceous Ocean* | |
| **S2 Climate and environmental changes during hyperthermal events** | | | |
| 11:05-11:20 | **Tianchen He** | *Heterogenous ocean redox chemistry across the two-phase end-Triassic mass extinction* | Yongdong Wang |
| 11:20-11:35 | **Tomonosuke Kanke** | *Reconciling uranium and thallium isotope records, volcanisms, and ocean anoxia during the early Toarcian* | |
| 11:35-11:50 | **Wenhan Chen** | *Carbonate barium isotopes uncover the spatio-temporal evolution of marine primary productivity during the Toarcian Oceanic Anoxic Event* | |

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|---|---|---|---|
| 11:50-14:00 | | Lunch | |
| 14:00-14:20 | **Terry Isson** | ***Expanding the Urey Framework: Reassessing Carbon–Silica Coupling Across Climatic Events*** ***(keynote)*** | Jian Cao |
| 14:20-14:35 | **Jinchao Liu** | *Resolving mercury cycling and the role of volcanism during the Toarcian Oceanic Anoxic Event* | |
| 14:35-14:50 | **Zhong Han** | *Hydroclimatic extremes amplified low-latitude continental weathering during the early Toarcian* | |
| 14:50-15:05 | **Mariano N. Remírez** | *Tracking global ocean anoxia during the (hyperthermal) Toarcian Oceanic Anoxic Event: Insights from uranium isotopes and oxidation-state-specific uranium ratios* | Michał Krobicki |
| 15:05-15:25 | **Weimu Xu** | ***Hydrological and environmental responses during the Paleocene-Eocene Thermal Maximum at Modgunn Hydrothermal Vent Complex, Norwegian Continental Margin (IODP Expedition 396)*** ***(keynote)*** | |
| 15:25-15:40 | **Ping Wang** | *Sedimentary response to abrupt global warming during Paleocene-Eocene Thermal Maximum (PETM) in western Jianghan Basin, China* | |
| 15:40-15:55 | **Masayuki Ikeda** | *Possible tipping points across the Mesozoic hyperthermals recorded in deep-sea succession in Japan* | |
| 16:00-17:00 | | Posters Presentation and Discussion | |
| 17:00-20:00 | | Gala Dinner on a Cruise Ship along the Yangtze River | |
| | | August 18, 2025 Monday | |
| | | **S3 Biotic and carbonate platform response to hyperthermal events** | |
| 08:30-08:50 | **Haijun Song** | ***Evidence for the link between hyperthermal events & biotic extinctions*** ***(keynote)*** | Micha Ruhl |
| 08:50-09:05 | **Yongdong Wang** | *Floral diversity variation and palaeoclimate events during the Mesozoic critical transitions* | |
| 09:05-09:20 | **Stella Z. Buchwald** | *Lipid biomarkers record marine and terrestrial ecosystem responses across the Permian-Triassic mass extinction in the Dolomites (Italy)* | |
| 09:20-09:35 | **Li Tian** | *Consistent biotic responses to past hyperthermals* | Shijun Jiang |
| 09:35-09:50 | **Jessica Whiteside** | *Floral trends, conifer physiognomy, pCO2, and hydrological proxies track "climatic whiplash" during CAMP volcanism* | |
| 09:50-10:05 | **Yiwei Xu** | *Enhanced carbonate production during the OAE 1a* | |
| 10:05-10:25 | | Tea break | |
| 10:25-10:45 | **Bo Wang** | ***Carbon and Hydrological Cycle Changes of the Carnian Pluvial Episode (Late Triassic)*** ***(keynote)*** | Tianchen He |
| 10:45-11:00 | **Tea Kolar Jurkovšek** | *Triassic conodont zonation of the Dinarides (western Tethys)* | |
| 11:00-11:15 | **Meng Li** | *Intense wildfire response to Early Jurassic hyperthermal event with impact on floral turnover* | |

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|---|---|---|---|
| 11:15-11:30 | **Michał Krobicki** | *Is the Toarcian Anoxic Event a Limit of the Kioto Carbonate Platform Along the Peri-Gondwanian Margin? – Case Study of the Himalayan Kali Gandaki Valley, Nepal – Preliminary Results* | |
| 11:30-11:45 | **Jianzhen Chen** | *Microbial-algal community changes during the Oceanic Anoxic Event 2: Evidence from the chronology and biomarkers, Southwestern Tarim* | |
| 11:45-14:00 | | Lunch | |
| 14:00-14:15 | **Adrijan Košir** | *Stratigraphy of Paleocene-Eocene Carbon Isotope Excursions Recorded in Shallow Carbonate Ramp Successions of The Northern Adriatic Carbonate Platform, Slovenia* | Jitao Chen |
| 14:15-14:30 | **Jingxin Jiang** | *No acidification in tropical shallow marine during the Paleocene-Eocene Thermal Maximum* | |
| | | **S4 Carbon cycling and triggers for hyperthermal events** | |
| 14:30-14:50 | **David B. Kemp** | ***Stratigraphic constraints on maximum rates of carbon release during the Toarcian oceanic anoxic event** (keynote)* | |
| 14:50-15:05 | **Yixing Du** | *Carbon isotope fluctuations from Norian to the end of Triassic in the Tethys Himalaya, Southern Tibet (Xizang)* | |
| 15:05-15:20 | **Micha Ruhl** | *Timing of The End-Triassic Mass Extinction, Carbon Cycle Perturbations, and Early Jurassic Recovery* | |
| 15:20-15:40 | | Tea break | |
| 15:40-16:00 | **Paul Pearson** | ***Hothouse carbon cycling and a PETM dead zone: the Paleogene of Tanzania** (keynote)* | Xi Chen |
| 16:00-16:15 | **Simin Jin** | *Astronomically paced hydrological change during the Paleocene-Eocene Thermal Maximum* | |
| 16:15-16:30 | **Bilal Wadood** | *End-Permian Mass Extinction: Carbon Degassing, Geochemical Signatures, and Extreme Climate Forcing in the Salt Range, Pakistan* | |
| 16:30-17:30 | | *Open Discussion* | David Kemp; Micha Ruhl; Xiumian Hu |
| 17:30-17:50 | **Zhong Han** | *Introduction of post-workshop Tibetan Himalaya field trip* | |

## 8. Posters List

| Posters (16:00-17:00 17th August) | | | |
|---|---|---|---|
| NO. | Name | Institution | *Title* |
| 1 | **Yuan Cai** | Nanjing University, China | *Sedimentation patterns, environmental and biological productivity changes across PETM: Insights from the Agulhas Plateau.* |
| 2 | **Ahmed Nur Dalmar** | University of Peshawar, Pakistan | *Paleo-environmental and stratigraphical analysis of the Turonian Red Beds, Northern Kirthar Range, Pakistan* |
| 3 | **Weiming Ding** | University of Minnesota, USA | *The development of stable cerium (Ce) isotopes as a new redox proxy: experimental quantification of isotopic fractionations during Ce sorption on iron oxides* |
| 4 | **Shouyi Jiang** | China University of Geosciences (Wuhan), China | *Extinction of larger benthic foraminifera and size variations of foraminifera during the early Toarcian environmental crises in southern Tibet* |
| 5 | **Hiroki Kamikura** | The University of Tokyo, Japan | *The timing and duration of large-scale carbon release and hydrological cycling during the Toarcian oceanic anoxic event (T-OAE) in Toyora area, southwest Japan* |
| 6 | **Man Li** | Hohai University, China | *A weathering control on nutrient cycling in mid-latitude mega-lakes across the Toarcian extreme warmth* |
| 7 | **Qing Liu** | China University of Geosciences (Wuhan), China | *Redox changes across the PETM in the North Sea Basin (UK)* |
| 8 | **Xiang Qin** | Nanjing University, China | *First soda lake as an extremely alkaline response to Paleogene hyperthermals* |
| 9 | **Tianhao Su** | Nanjing University, China | *Did carbonate factories change into microbial-domated type after Carnian Pluvial Episode (Late Triassic): Evidences from Tethys Himalaya* |

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| 10 | **Xiaohua Teng** | Zaozhuang University, China | *Evidence for Poleward Migration of the Asian Monsoon During the Paleocene - Eocene Thermal Maximum* |
| 11 | **Yasu Wang** | Hainan University, China | *Cretaceous–Paleogene calcareous nannofossils and their biostratigraphic and paleoceanographic implications in Southern Tibet* |
| 12 | **Kaixun Xiao** | Nanjing University, China | *Cenozoic Carbonate Compensation Depth: Evolution and Controlling Mechanisms* |
| 13 | **Bin Zhang** | An Qing Normal University, China | *Precipitation is the main constrained factor for the Mesozoic and Cenozoic chemical weathering features in South China* |
| 14 | **Xiaoyue Zhang** | China University of Geosciences (Wuhan), China | *Astronomical and volcanic forcing of Paleocene carbon cycle perturbations in the Norwegian Sea Basin* |
| 15 | **Yuqing Zhu** | China University of Geosciences (Wuhan), China | *Early Jurassic large-scale carbon release triggered rapid increases in terrestrial mercury fluxes* |

*Please put up the poster outside of Zijin Hall during the tea break or lunch time on 17 August.

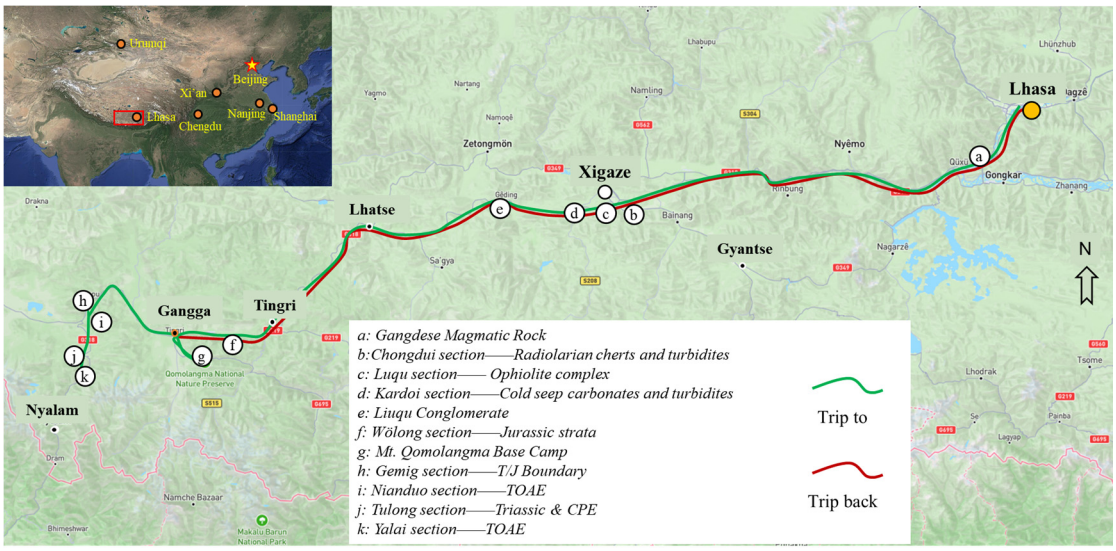
## 9. Post-workshop Field Trip

The post-workshop field Trip will immediately follow the workshop, from 19–26th August in the Tibetan Himalaya. Participants will visit some classic Himalayan geology including the Yarlung Zangbo Suture Ophiolite Suite and Mid-Cretaceous Cold Seep Carbonates and Turbidites in the Xigaze Forearc Basin, as well as records of hyperthermal events preserved in the Tethys Himalaya.

Trip leaders: Xiumian Hu, Xi Chen, Zhong Han, Jingxin Jiang.

**Table 1 Itinerary of post-workshop Field Trip**

| Date | Day | Activity/Route | Theme/Geological Focus |
|---|---|---|---|
| 19-Aug | Tue. | Nanjing Lukou Airport (NKG) → Lhasa Gonggar Airport (LXA) | |
| 20-Aug | Wed. | **! CRITICAL: High Altitude Acclimatization Required (3700m). All participants must hydrate well, and avoid alcohol and strenuous activity** | |
| 21-Aug | Thu. | **Lhasa → Xigaze** | |
| | | Gangdese Magmatic Rock | **Gangdese Arc** |
| | | Luqu Ophiolite | **Yarlung Zangbo Suture Zone** |
| | | Liuqu Conglomerate | |
| | | Chongdui Section | |
| 22-Aug | Fri. | **Xigaze → Tringri → Zhaxizong Town** | |
| | | Kadui Section | **Mid-Cretaceous Cold Seep Carbonates and Turbidites** |
| | | Wolong Section | **Jurassic** |
| 23-Aug | Sat. | **Zhaxizong Town → Qomolangma Base Camp → Gangga Town** | |
| | | Qomolangma Base Camp | |
| 24-Aug | Sun. | **Gangga Town** | |
| | | Gemig & Nianduo Sections | **Triassic-Jurassic Boundary, T-OAE Platform Changes & Storm Deposits** |
| | | Yalai Section | **T-OAE Platform Changes & Storm Deposits** |
| | | Tulong Section | **Triassic & CPE** |
| 25-Aug | Mon. | **Gangga Town → Lhasa** | |
| 26-Aug | Tue. | Free time in Lhasa / Depart Tibet | |
| | | Return to Nanjing (NKG) or fly to Chengdu (CTU/TFU), Chongqing (CKG), Xi'an (XIY), Beijing (PEK), Shanghai (PVG/SHA) | |




*Please note that some of the stops originally scheduled in First Circular were forced to be cancelled due to local policy reasons.

*** We will return to and stay in Lhasa on August 25. and depart from Lhasa on August 26. Participants can return from Lhasa back to Nanjing, or fly to major airports such as Chengdu, Chongqing, Xi'an, Beijing and Shanghai to connect to international flights**.

## 10. Real-time Workshop Photos

Please view the real-time photos of the conference via the link below or by scanning the QR code:

https://m.alltuu.com/album/1726320073/?menu=live

## 11. Sponsorships

- **State Key Laboratory of Critical Earth Material Cycling and Mineral Deposits, Nanjing University**
  南京大学关键地球物质循环与成矿全国重点实验室
- **School of Earth Sciences and Engineering, Nanjing University**
  南京大学地球科学与工程学院
- **Frontiers Science Center for Critical Earth Material Cycling, Nanjing University**
  南京大学关键地球物质循环前沿科学中心
- **MDPI Magazine**
- **Nanjing Hongchuang Geological Exploration Technical Service Co., Ltd.**
  南京宏创地质勘查技术服务有限公司
- **Nanjing Jupu Testing Technology Co., Ltd**
  南京聚谱检测科技有限公司
- **Nanjing Shunke Testing Technology Co., Ltd.**
  南京顺科检测科技有限公司
- **Beijing Tethys Technology Co., Ltd.**
  北京特提斯科技有限公司

# 12. List of Participants

| No. | Surname | Given name | Affiliation | Country | Emial |
|---|---|---|---|---|---|
| **Invited Guests** | | | | | |
| 1 | Zheng | Yuanming | National Nature Science Foundation of China | China | zhengym@nsfc.gov.cn |
| 2 | Ding | Aijun | Nanjing University | China | dingaj@nju.edu.cn |
| 3 | Chen | Tianyu | Nanjing University | China | chenjun@nju.edu.cn |
| 4 | Xu | Xisheng | Nanjing University | China | xsxu@nju.edu.cn |
| **Participants** | | | | | |
| 5 | Buchwald | Stella Z. | University of Hamburg | Germany | stella.buchwald@uni-hamburg.de |
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| 10 | Chen | Wenhan | Chengdu University of Technology | China | chenwh@cdut.edu.cn |
| 11 | Chen | Xi | China University of Geosciences, Beijing | China | xichen@cugb.edu.cn |
| 12 | Dalmar | Ahmed Nur | University of Peshawar | Pakistan | dalmar@uop.edu.pk |
| 13 | Ding | Weiming | University of Minnesota | USA | ding0304@umn.edu |
| 14 | Du | Yixing | Chengdu University of Technology | China | yixing.du@outlook.com |
| 15 | Gao | Biao | Nanjing Institute of Geology and Palaeontology, CAS | China | biaogao@nigpas.ac.cn |
| 16 | Gao | Feng | Beijing Tethys Technology, China | China | liumj@bjtethys.com |
| 17 | Han | Zhong | Nanjing Institute of Geology and Palaeontology, CAS | China | zhonghan@nigpas.ac.cn |
| 18 | Hannig | Sophia | University of Minnesota | USA | Hanni109@umn.edu |
| 19 | He | Tianchen | Hohai University | China | tianchenhe@hhu.edu.cn |
| 20 | He | Zixin | China University of Geosciences, Wuhan | China | 787213045@qq.com |
| 21 | Hesselbo | Stephen P. | University of Exeter | UK | S.P.Hesselbo@exeter.ac.uk |
| 22 | Hua | Xia | Peking University | China | xiahua@pku.edu.cn |
| 23 | Huang | Xinyue | China University of Geosciences, Wuhan | China | 2824114514@qq.com |
| 24 | Ikeda | Masayuki | The University of Tokyo | Japan | gawp9749@g.ecc.u-tokyo.ac.jp |
| 25 | Isson | Terry | University of Waikato | New Zealand | terry.isson@waikato.ac.nz |
| 26 | Jiang | Shijun | Hainan University | China | sjiang@jnu.edu.cn |
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