

International Conference on Ediacaran and Cambrian Sciences

Joint Meeting of Ediacaran and Cambrian Subcommissions

12th-16th August 2018, Xi'an, China

Xi'an, the eternal city, records the great changes of the Chinese nation just like a living history book. Called Chang'an in ancient times, Xi'an is one of the birthplaces of the ancient civilization in the Yellow River Basin area of the country. During Xi'an's 3,100 year development, 13 dynasties such as Western Zhou (11th century BC - 771 BC), Qin (221 BC - 206 BC), Western Han (206 BC - 24 AD) ...



Two and a half days' topic sessions will focus on Neoproterozoic-Cambrian life and environments.

Two pre-conference and two post-conference field excursions will be arranged (see maps below), and the cost is provided separately in the introduction of each field trip.

A half day mid-conference tour to Terra Cotta Warrior will be organized.

Organizing committee

Yaoping Cai, Jian Han, Hong Hua, Kangjun Huang
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Xunlai Yuan, Chuanming Zhou, Maoyan Zhu

Sponsors/organizers



Shaanxi Key Laboratory of Early Life and Environments



State Key Laboratory of Continental Dynamics



Department of Geology Northwest University



Shaanxi Paleontological Society



State Key Laboratory of Palaeontology and Stratigraphy (Nanjing)



Field excursions

Trip 1: Precambrian-Cambrian transition in the southern margin of North China

Trip 2: From Snowball Earth to Cambrian explosion, rocks and fossils in Yangtze Gorges

Trip 3: Precambrian-Cambrian transition in the northern margin of South China

Trip 4: Cryogenian to Cambrian successions in slope facies of the Yangtze Platform

Trip 1: Pre-conference, arrival on 10th August, visiting sections during 11th and 12th August, coming back to Xi'an around at 18:00 on 12th August

Precambrian-Cambrian transition in the southern margin of North China

This pre-conference field trip will depart from and come back to Northwest University Hotel (conference site), Xi'an, China, and **take 5-20 participants**.

Two major sections, Longxian and Luonan, will be visited, which encompass the sequences from the Cryogenian through Ediacaran up to Cambrian.

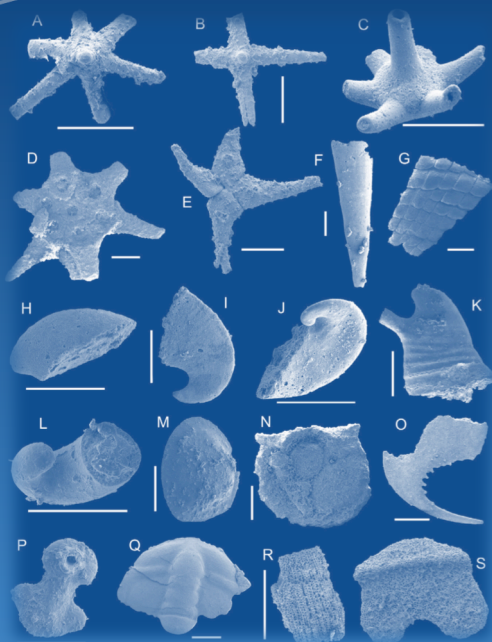
Specific interests include the Luoquan diamictite and Small shelly fossils of North China aspects.

The field trip will be led by Xingliang Zhang, Luoyang Li, and Hao Yun.

The cost will be 1600RMB/240USD (double occupancy) or 2000RMB/300USD (single occupancy), covering transportation, meals and rooms (two nights, 10th and 11th August 2018).



Luoquan Diamictite, probably Cryogenian in age, is well exposed in the Shangzhangwan section, close to Luonan Town, ca. 120 km east to Xi'an



Small Shelly Fossils North China-type

The Xinji bioclastic limestone, Cambrian Series 2 in age, yields diverse of small shelly fossils with primary microstructures preserved. The locality is close to Longxian Town, ca. 240 km northwestern to Xi'an.



Trip 2: Pre-conference, arrival in Yichang on 9th August, visiting sections during 10th and 11th August, travel to Xi'an on 12th August 2018

From Snowball Earth to Cambrian explosion: Rocks and fossils in the Yangtze-Gorge area

This pre-conference trip will start from Yichang (Hubei Province) and end in Northwest University Hotel (conference site), Xi'an, China, and **take 5 to 20 participants**.

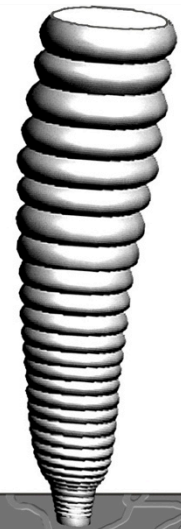
Examine Cryogenian, Ediacaran, and early Cambrian sections in the Yangtze Gorges area. Specific interests include the Cryogenian Nantuo diamictite and the overlying cap dolostone, stratigraphy of the Ediacaran Doushantuo and Dengying formations, the Shibantan biota—fossil assemblage of the Ediacara biota, the early Cambrian strata (Yanjiahe, Shuijingtuo, Shipai and Tianheban and Shilongdong formations, in ascending order) and fossils (small shelly fossils, trilobites, brachiopods, archaeocyaths...in this region).

The trip will be led by Chuanming Zhou (Nanjing Institute of Geology & Palaeontology, CAS), Shuhai Xiao (Virginia Tech), Zhifei Zhang (Northwest University), and Guoxiang Li (Nanjing Institute of Geology & Palaeontology, CAS).

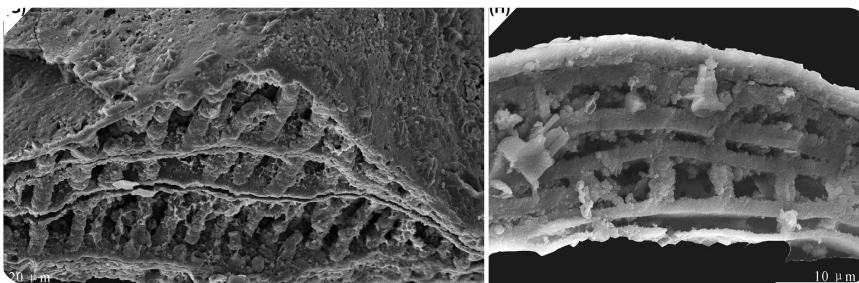
The cost will be 3300RMB/500USD (double occupancy) or 4300RMB/650 USD (single occupancy), covering transportation, meals, rooms (three nights, 9th to 11th August 2018), and travel from Yichang to Xi'an on 12th August 2018.



Hiemalora pleiomorpha from the late Ediacaran Shibantan biota in carbonate facies.



Wutubus from the late Ediacaran Shibantan biota



Shell microstructures of brachiopods from the Shuijingtuo Formation Cambrian Series 2, Stage 3



Sinodiscus
Shuijingtuo Formation

Trip 3: Post-conference, departure from Xi'an on 16th August, visiting sections during 17th to 19th, coming back to Xi'an on 20th August 2018

Precambrian-Cambrian transition in the northern margin of South China

This post-conference field trip will depart from and come back to Northwest University Hotel (conference site), Xi'an, China, and **take 5-20 participants**.

Six major sections will be visited, which encompass the sequences from Cryogenian through Ediacaran up to lower Cambrian.

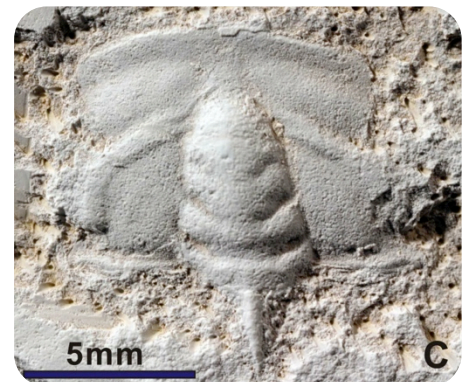
Interesting sites are many, including localities of Weng'an-type fossils, Gaojiashan biota, phosphatized meiofauna, oldest trilobite of China...

The field trip will be led by Yaoping Cai, Tao Dai, Jian Han, Guoxiang Li, Zhifei Zhang, Xingliang Zhang, and Yuan Zhang.

The cost will be 4000RMB/600USD (double occupancy) or 5000RMB/750USD (single occupancy), covering transportation, meals and rooms (5 nights, 16th -20th August 2018).



Phosphatized meiofauna from the lowest Cambrian



Oldest trilobite of China



**Archaeocyaths
Cambrian Stage 4**



**Weng'an type fossil
from the bottom of
the Dengying Formation**



**Tubular fossil of Gaojiashan biota
Late Ediacaran**

Trip 4: Post-conference, departure from Xi'an to Guiyang on 16th August, visiting sections during 17th and 18th August, departure from Guiyang to home on 19th August 2018

Cryogenian to Cambrian successions in slope facies of the Yangtze platform

This post-conference field trip will depart from Xi'an and end in Guiyang, and **take 5-20 participants**.

Three major sections will be visited, which encompass the sequences from Cryogenian through Ediacaran up to Cambrian in slope facies of the Yangtze Platform at eastern Guizhou.

Specific interests include Cryogenian diamictites, GSSP candidates of Cambrian Stage 4 and Stage 5, and Burgess Shale-type Lagerstätten such as Kaili, Jianhe and Balang biotas.

The field trip will be led by Yuanlong Zhao and Yuning Yang from Guizhou University.

The cost will be 3500RMB/530USD (double occupancy) or 4100RMB/620USD (single occupancy), covering transportation, meals, rooms (3 nights, 16th-18th August 2018), and flight from Xi'an to Guiyang on 16th August 2018.



Oryctocephalus indicus, GSSP marker of Cambrian Series 3, Stage 5



Massive glaciogenic diamictites of the Cryogenian Nantuo Formation



Eocrinoids from the Kaili biota
Cambrian Series 3, Stage 5

Conference schedule

12th August 2018: Arrival in Xi'an. 8:00-18:00, registration at the lobby of Northwest University Hotel. 19:00-21:00, icebreaker party in front of the hotel.

13th August 2018: 8:30-9:00, opening ceremony and group photo; 9:00-18:00, scientific sessions; 18:30-19:30, official meeting of the Ediacaran Subcommission (open for all conference attendees).

14th August 2018: 8:30-12:00, scientific sessions; 13:00-18:30, city tour to Terra Cotta Warrior; 19:00-21:00, round table conference dinner at Northwest University Hotel.

15th August 2018: 8:30-18:00, scientific sessions; 18:30-19:30, official meeting of the Cambrian Subcommission (open for all conference attendees).

16th August 2018: Departure of all conference attendees.

Field trip schedule*

Trip 1: Arrival in Xi'an (Shaanxi Province, China) on 10th August; departure to sections by bus in the morning of 11th August; coming back to Xi'an (conference site) in the evening of 12th August 2018.

Trip 2: Arrival in Yichang (Hubei Province, China) on 9th August; visiting sections during 10th and 11th August by bus; travel from Yichang to Xi'an (conference site) on 12th August 2018.

Trip 3: Travel from Xi'an to Hanzhong by bus in the morning of 16th August; coming back to Xi'an in the evening of 20th August; departure to home on 21st August 2018.

Trip 4: Travel from Xi'an to Guiyang by flight in the morning of 16th August; visiting section during 17th and 18th August; departure from Guiyang to home on 19th August 2018.

***Note:** Detailed schedule and other matters will be provided only to registered participants subsequently.

Important information

Registration for conference, mid-conference tour, and field trips is now open online at www.icecs2018.cn. Conference registration will be 660RMB/100USD for standard attendees and 400RMB/60USD for students, covering icebreaker party, buffet lunch and dinner (13th-15th August), conference dinner, and conference material. City tour will be 300RMB/45USD, covering transportation and entrance ticket. The cost of field trips is provided in the introduction of each trip (maximally 20 participants). The registration for field trips will follow the first-come-first-served rule and places will be offered in the order of payment date. **Online registration will be closed on 30th June 2018.** Please contact Dr. Wei Liu at liuw.mus@nwu.edu.cn when you have problems.

Abstract should be in English and MS Word (including title, authorship, affiliation, text and indication of oral or poster presentation on the top of the title), and will come out as submitted suffering from formatting. **Online submission is open now at www.icecs2018.cn and will be closed on 30th June 2018.** The conference will only accept abstracts of registered attendees. For those people who have problem with online submission, please send the abstract directly to Dr. Wei Liu at liuw.mus@nwu.edu.cn.

Venue. The conference will be held at the Taibai Campus of Northwest University, Taibaibeilu 229, Xi'an, China, or at a larger hotel, depending on the number of attendees. Details will be provided in next circular.

Travel and accommodation. Xi'an is well connected by air to major cities in China and the world, and has high speed train services as well. Northwest University Hotel has 120 double rooms, 30 single rooms and 5 suits. The room rate varies between 200RMB and 500RMB. Pick-up service will be provided upon requested.

Invitation and visa. For those delegates who require a visa to visit China, invitation letters can be provided upon requested. Please contact Dr. Dongjing Fu at djfu@nwu.edu.cn to arrange this.

Cancellation. All cancellations must be sent to Wei Liu at liuw.mus@nwu.edu.cn in writing before 30th June 2018. An administrative fee of 330RMB/50USD will be charged. No refunds will be issued after this date.

Safty. All conference attendees and field trip participants are responsible for your own safty, although organizers will do our best to keep everything going smoothly.

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