

International Conference on Ediacaran and Cambrian Sciences

Joint Meeting of Ediacaran and Cambrian Subcommissions

11-21 August 2018, Xian, China

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



Three-day topic sessions will focus on Neoproterozoic-Cambrian life and environments.

Pre- and post-conference field excursions will be arranged and the cost will be provided in subsequent circulars.

One-day city tour will be organized.

Organizing committee

Yaoping Cai, Jian Han, Hong Hua, Kangjun Huang, Jianni Liu, Xingliang Zhang (chair), Zhifei Zhang

Secretaries

Dongjing Fu, Wei Liu
(djfu@nwu.edu.cn), (liuw.mus@nwu.edu.cn)

Scientific Committee

Per Alhberg, Loren Babcock, Dima Grazhdankin, Marc Laflamme, Guoxiang Li, Pengju Liu, Shanchi Peng, Degan Shu (chair), Shuhai Xiao, Xunlai Yuan, Chuanming Zhou, Maoyan Zhu.

Sponsors



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)



Precambrian-Cambrian transition
in the southern margin of North China plate
in the northern margin of South China plate

Field excursions

Precambrian-Cambrian transition in the southern margin of North China

This two- or three-day pre-conference field trip will depart from and come back to Xian.

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

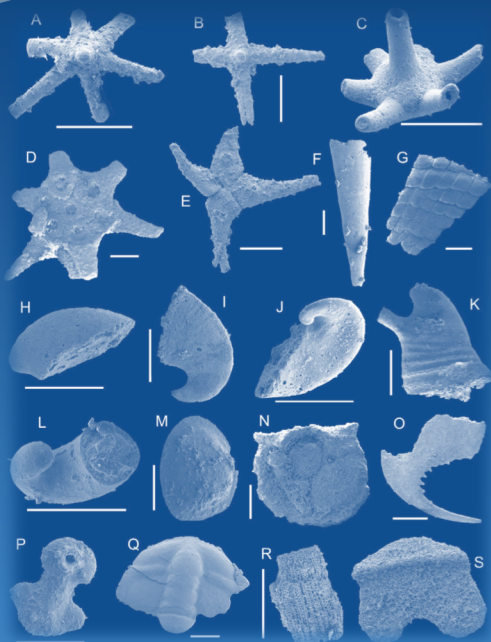
Specific interests include the Luoquan diamictite and Small shelly fossils of North China aspects.

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

The cost will be provided in subsequent circulars.



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



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 Xian.



Precambrian-Cambrian transition in the northern margin of South China

This five-day post-conference field trip will depart from and come back to Xian.

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

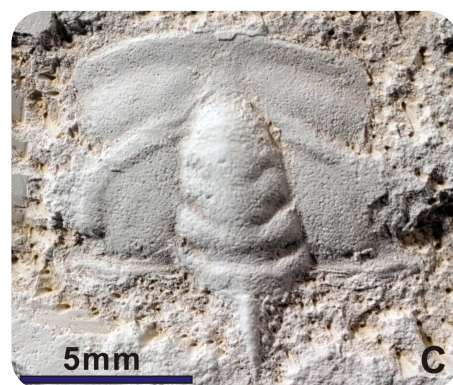
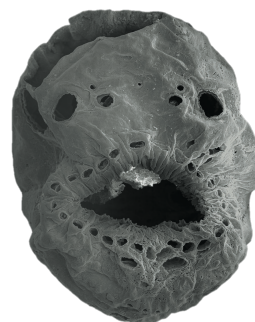
Interesting sites are many, including localities of Weng'an-type fossils, Gaojiashan biota, phosphatized meiofauna, oldest trilobite of China...

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 provided in subsequent circulars.



Phosphatized meiofauna from the lowest Cambrian



Oldest trilobite of China



*Archaeocyath bioherms
Cambrian Stage 4*



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



*Tubular fossils of Gaojiashan biota
Late Ediacaran*

Important information

Registration and abstract submission will open in January 2018. Please fill out the expression of interest form and email it to Dr. Wei Liu at liuw.mus@nwu.edu.cn.

Venue. Topical session will be held either at the Taibai Campus of Northwest University or at a hotel, depending on the number of participants.

Travel and accommodation. The host city Xian is well connected by air to major cities in China and the world. There are high-speed-train services in Xian. The organizer will help participants book hotel and the room rate will be available in subsequent circulars.

Provisional programs. An icebreaker reception will be held on the evening of 12th August 2018. The conference will take place on 13rd -15th August 2018. One day tour to Historical Museum and Terra Cotta Warrior will be on 16th August 2018. Scientific topics will focus on Neoproterozoic (particularly Ediacaran) to Cambrian evolution of life and environments. Presentations will be in the form of 15-20 minute talks and poster displays. Talks and posters are to be presented in English.

INTERNATIONAL CONFERENCE ON EDIACARAN AND CAMBRIAN SCIENCES —EXPRESSION OF INTEREST—

Title _____ ; First name _____ ; Family name _____ ;
Institution: _____ ; email: _____ ;
Postal address (country/zip code): _____
_____.

I am [if applicable] interested in the following (please tick all that apply)

- ☐ a full-time student of (your supervisor name): _____
- ☐ financial support from conference sponsors
- ☐ one-day city tour
- ☐ pre-conference field excursion
- ☐ post-conference field excursion
- ☐ presentation as a talk, provisional title: _____

- ☐ presentation as a poster, provisional title: _____
