



THE FIRST INTERNATIONAL SYMPOSIUM OF THE INTERNATIONAL GEOSCIENCE PROGRAMME PROJECT 679

October 11–17, 2019, Qingdao, Shandong, China

Third Circular

“Linkage of Cretaceous solid earth dynamics, greenhouse climate, and response of ecosystems on land and in the oceans in Asia”

Cretaceous Earth Dynamics and Climate in Asia



General Information

Dear participants,

We cordially invite you to participate in the First International Symposium of IGCP Project 679, which will be held during October 11–17, 2019 in Qingdao, China.

The preparing work for the symposium has been going smoothly and successfully. Up to now, about 100 participants have registered for the symposium from 15 countries, including the Czech Republic, France, Germany, India, Japan, South Korea, Malaysia, Mongolia, Nepal, Philippines, Russia, Thailand, UK, Vietnam and China. About 56 abstracts have been submitted in which 46 oral presentations and 9 posters have been scheduled for the symposium. We have edited a special issue in *Open Journal of Geology*, Vol. 9, issue 10 (<https://www.scirp.org/journal/Home.aspx?JournalID=587>), in which 50 short papers have been included, covering a broad spectrum of fields reflecting many facets of biodiversity, palaeoenvironment, palaeogeography and palaeoclimate from the marine and non-marine Cretaceous sequences in Asia. Till the sending of this 3rd circular, the special issue has received more than 1000 downloads, and near 2200 view.

The Organizing Committee of the symposium would express the sincere thanks to you for your warm and kind supports, and look forward to meeting you in Qingdao very soon.

In the Third Circular, we would introduce information for your convenience to attend the symposium, including the tentative programs, traffic ways between the airport and the railway stations and the hotel, etc. Please do not hesitate to inform us if you have any question and suggestion.

Have a good journey to Qingdao, China, and hope you have a pleasant time in China!

Symposium Venue and Traffic Connection

The First International Symposium of IGCP Project 679 will be held at [Shandong University of Science and Technology](#) in Qingdao, Shandong Province. The accommodation was arranged in the [Blue Horizon Hotel \(黄岛蓝海大饭店\)](#) during the pre-symposium field trip and the scientific session. The Qingdao International Airport has air-lines directly to Incheon, Nagoya, Tokyo, Osaka, Fukuoka, Hong Kong, etc. For your convenience to travel to Qingdao, we suggest that you may via Beijing, Shanghai or Guangzhou to transfer. The air-lines from Beijing to Qingdao have more than 10 flights for each day, and Shanghai or Guangzhou to Qingdao having several flights for each day.



Figure 1. Congress hall of Shandong University of Science and Technology

The arrival date is suggested on Oct. 11 (for participants who would like to take part in the pre-symposium field excursion) or Oct. 14 (for participants who would like to take part in the scientific session of the Qingdao symposium). However, if your flights are earlier, you could inform the Symposium Secretariat, and we can make earlier arrangements for your arrivals.

On Oct. 11 and Oct. 14 (even earlier), at the Qingdao International Airport, the staff of the Secretariat will arrange several vehicles to pick you up in batches to the [Blue Horizon Hotel \(黄岛蓝海大饭店\)](#). Please pay attentions to the sign of the 1st International Symposium of IGCP Project 679 upon your arrival at Qingdao Airport or Railway station.

If you could not catch the picking-up vehicles arranged by the Secretariat, you could have the chance to use the public traffic system:

1. From the [Qingdao International Airport](#) you could take an airport shuttle bus (a trip of about one hour and 40 minutes) (40 Chinese Yuan) to go to the [Blue Horizon Hotel \(黄岛蓝海大饭店\)](#). The time

table for the shuttle bus is as following:

04:40, 04:50, 05:40, 06:40, 06:50, 07:40, 08:40, 08:50, 09:50, 10:40, 10:50, 11:40, 12:40, 12:50, 13:40, 14:40, 14:50, 15:40, 16:40, 16:50, 17:40, 18:40.

2. From **Qingdao railway station** please take Tunnel Line 3 bus (隧道 3 号线) to go to Huangdao bus terminal (黄岛汽车总站) (about 40 minutes trip). Then, you can walk 500 m to the west along the Changjiang Road (长江路) to the **Blue Horizon Hotel (黄岛蓝海大饭店)**.
3. From the **Qingdao Railway station** you could also take Tunnel Line 5, 6, 7 buses (隧道 5、隧道 6、隧道 7 号线) to get off at the South Gate Station of Petroleum University. Then you could cross the campus and go out of the North Gate of Petroleum University. 100 m to the east is the **Blue Horizon Hotel (黄岛蓝海大饭店)**.
4. From **North Qingdao Railway Station** you could take subway line 3 (地铁 3 号线) to arrive at **Qingdao Railway Station**. Then you could take the above suggested buses to go to the hotel.

In any case, please send your traveling schedule to the Secretariat, as early as possible. However, if you met some unexpected inconvenience in your trip in China (like the flight delay, etc.), you can call **18866823368** (Mr. Zhigang Zhang), the mobile number of our Secretariat staff. He will help you to make some necessary arrangements.

Hope you have a good journey to Qingdao, China!

Accommodation and Hotel Reservation



Figure 2. **Blue Horizon Hotel (黄岛蓝海大饭店)**

Organization committee has reserved rooms for participants who need hotel rooms. We will stay in the same hotel (**Qingdao Blue Horizon Hotel 黄岛蓝海大饭店**) during the period of the Pre-symposium field trip and the

scientific symposium session. The accommodation fee is not included in the registration fee. Participants should pay the accommodation fee directly to the hotel. Reservation for accommodations at Blue Horizon Hotel (special discount) can be made through the Organizing Committee of the symposium. The room rate of the hotel is RMB¥ 360 (double room or single room) per night.

Blue Horizon Hotel (黄岛蓝海大饭店)

Address (地址): No.66 Chang jiang West Road, Economic Developing Area of Qingdao, China (中国青岛经济开发区长江西路 66 号)

Post Code (邮编): 266500

Tel. (电话): 86-0532-86986666

Fax. (传真): 86-0532-86982222

Registration and Payment

Registration fees:

Event	Fee per person
Symposium sessions (Including admission to the poster and oral presentation sessions and abstract volume, refreshments, icebreaker, welcome dinner)	Regular participant: US\$ 350 Student: US\$ 250 Accompanying member: US\$ 150
Pre-symposium field excursion (Including transport, guide book volume, refreshments, lunch boxes)	Regular participant: US\$ 300 Student: US\$ 200 Accompanying member: US\$ 150

Methods of Payment:

The registration fees will be paid by Sweeping two-dimensional code, Wechat, Alipay, Credit Card or cash (US\$ or nearly equivalent Chinese RMB Yuan) in the symposium, when you arrived in Qingdao. You will get an official receipt for your registration payment. The Symposium Secretariat does not accept any bank transfer, cheque, etc. for the registration.

Contact

Please address all correspondence and inquiries to the Secretary-General of Organizing Committee Secretariat:

Dr. Xin LI (Secretary-General)

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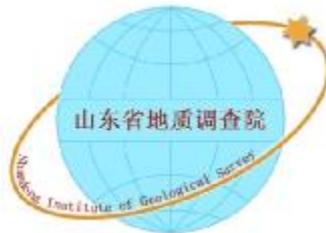


The First International Symposium of IGCP Project 679

Cretaceous Earth Dynamics and Climate in Asia

PROGRAMME

会议日程



Qingdao, Oct. 11-17, 2019

Tuesday, October 15, 2019

Lecture Hall of Yifu Building

Opening Ceremony

8:45-9:15	Welcome speech
9:15-9:35	Opening address: Cretaceous Earth Dynamics and Climate in Asia Gang LI
9:35-9:50	Group photo
Plenary Lecture (大会报告) Chairman:	
9:50-10:20	Integrated Upper Cretaceous stratigraphy in Songliao Basin, NE China Xiaoqiao WAN (China)
10:20-10:50	Study on Jehol Biota: recent advances and future prospects Xing XU (China)
10:50-11:05	Coffee-break

Palaeoentomology

Chairman: Edmund JARZEMBOWSKI

11:05-11:25	Mid-Cretaceous Burmese amber biota Bo WANG (Keynote, China)
11:25-11:40	Early Cretaceous insects and environment in the Western Archipelago Edmund JARZEMBOWSKI (The UK)
11:40-11:55	Hymenoptera in Burmese amber Qi ZHANG (China)
11:55-12:10	The first mud cricket (Orthoptera: Ripiterygidae) from mid-Cretaceous Burmese amber Chunpeng XU (China, student)
12:10-13:30	Lunch

Cretaceous plants, diversity and palaeoclimate

Chairmen: Vandana PRASAD, Julien LEGRAND

13:30-13:50	Origin of angiosperms and their diversification in the Cretaceous Xin WANG (Keynote, China)
13:50-14:05	Early dispersion of Normapolles in Eastern Asia Julien LEGRAND (Japan)
14:05-14:20	Diversification of Eupolypods in mid-Cretaceous — Evidenced by

	Myanmar Amber Forest Cunxiang LI (China)
14:20-14:35	Pollen and spores from the Lower Cretaceous of Central Mongolia and their paleoclimatic significance Adiya EVIIKHUU (Mongolia)
14:35-14:50	The dynamics of diversity of the Santonian-Danian flora of Zeya-Bureya basin (Russia) as a response to climate and environment changes Evgeniya BUGDAEVA (Russia)
14:50-15:05	Late Cretaceous-Early Paleocene palynoflora from Deccan volcanic associated sediments of India Bandana SAMANT (India)
15:05-15:20	The origin, diversification and historical biogeography of sister family Dipterocarpaceae and Sarcolaenaceae Mahi BANSAL (India, student)
15:20-15:35	The stratigraphic, palaeobiogeographic and phylogenetic significance of Aquilapollenites Shreya MISHRA (India, student)
15:35-15:50	Coffee-break
Cretaceous Earth Dynamics and climate Chairmen: Huaiyu HE, Jianfang HU	
15:50-16:10	Cretaceous climate on Indian subcontinent Vandana PRASAD (Keynote, India)
16:10-16:25	Integration of chronostratigraphy and biostratigraphy for the Lower Cretaceous in Changma-Jiuxi basins, NW China and the implications for vital evolutionary events Daran ZHENG (China)
16:25-16:40	Tree ring phototropism and implications for the rotation of North China Block Zikun JIANG (China)
16:40-16:55	Obliquity pacing on organic carbon burial in middle-high latitudes He HUANG (China)
16:55-17:10	Climate variability from the Cretaceous sedimentary laminations in the Xiushui Basin, Northern Liaoning, NE China Xing TIAN (China, student)
17:10-17:25	Preliminary Study on Climate Cycle Division of Jiaozhou Formation in Well Jiaoke 2 Lixiangyang XU (China, student)
17:25-17:40	Division of Paleoclimatic Cycles in Shahezi Formation of Well Songke-2: Implications to the climate change of early Cretaceous world of Songliao Basin, NE China Shitao YIN (China, student)

17:40-18:30	Poster Session
18:30-21:00	Welcome Dinner

Wednesday, October 16, 2019

Lecture Hall of Yifu Building

Cretaceous in Shandong and Palaeoclimate

Chairman:

8:30-8:50	Cretaceous paleoenvironment and terrestrial biota in Shandong province Hongwei KUANG (Keynote, China)
8:50-9:05	Formation Mechanism of Reduction Spheroids with Dark Cores in Cretaceous Red Beds in Jiaolai Basin, China Wenzhao FU (China)
9:05-9:20	Late Cretaceous Right-Lateral Movement on the Altyn Tagh fault Bo RAN (China)
9:20-9:35	Filling a gap: evolution of charophytes during the Turonian–Santonian based on the fossil record of the Songliao Basin (north-eastern China) Sha LI (China)
9:35-9:50	Late Jurassic-Early Cretaceous erg deposits in the Mengyin Basin, western Shandong Province: Inferences about the wind regime and paleogeography Huan XU (China)
9:50-10:05	Coffee-break

Cretaceous stratigraphy, events and paleoenvironments

Chairmen: Chenglong DENG, Petr SCHNABL

10:05-10:25	Late Cretaceous climate change recorded in the Songliao lacustrine deposits, China Jianfang HU (Keynote, China)
10:25-10:40	Comparison of the palaeomagnetic parameters of non-marine Jurassic-Cretaceous boundary sediments in Dorset (SW England) and Liaoning (NE China) – a preliminary study Petr SCHNABL (Czech Republic)
10:40-10:55	The Cretaceous tectono-stratigraphic complexes of Priamurye Galina L. KIRILLOVA (Russia)
10:55-11:10	Geophysical Signatures of a Cretaceous Island Arc in Central

	Philippines Leo ARMADA (The Philippines)
11:10-11:25	Cyclostratigraphy and Geochemistry of Lower Cretaceous Xiagou Formation of NW China: Palaeoclimatic Inferences Based on High-resolution Terrestrial Records of OAE1a Naihua XUE (China, student)
11:25-11:40	Terrestrial record of Ocean Anoxic Event 1a in Northwestern China Xiangdong ZHAO (China, student)
11:40-11:55	Biostratigraphy and palaeoenvironment of mid Eocene Sediments of Garo hills, Meghalaya Ashish Kumar MISHRA (India, student)
11:55-12:10	Status of spring water resources in the mid hills of Nepal - a study from Melamchi area Karishma KHADKA (Nepal)
12:10-13:30	Lunch

Cretaceous stratigraphy, events and palaeoenvironments

Chairmen: Peter BENGTON, Niiden ICHINNOROV

13:30-13:50	Land-ocean linkage: Pelagic Cherts in Mesozoic Neritic-Terristial Sequence in East Asia Atsushi MATSUOKA (Keynote, Japan)
13:50-14:05	Taphonomy and sedimentological significance of oyster shell beds within Cretaceous transgressive sediments in Japan Hisao ANDO (Japan)
14:05-14:20	Relationship between paleoclimate and the phased evolution of the Jehol Biota in Northern China Tohru OHTA (Japan)
14:20-14:35	Late Cretaceous biostratigraphy and sea-level change in the southwest Tarim Basin Dangpeng XI (China)
14:35-14:50	Spinosaurid diversity and depositional environment of spinosaurid localities in the Early Cretaceous of Northern Thailand Kamonlak WONGKO (Thailand)
14:50-15:05	Macrofossil assemblages in the Ryazanian stage (Lower Cretaceous) of the stratotype region Olga URMAN (Russia)
15:05-15:20	Kimmeridgian foraminiferal associations of Northern Eurasia: Significance for interregional correlations and palaeobiogeography Clémentine COLPAERT (China)
15:20-15:35	Taxonomy, biostratigraphy and palaeoecology of Early Cretaceous non-marine ostracods in Luanping Basin of northern Hebei, North China

	Zuohuan QIN (China, student)
15:35-15:50	Coffee-break
Cretaceous stratigraphy, events and paleoenvironments	
Chairmen: Taejin CHOI, Guobiao LI	
15:50-16:10	New Vertebrate Fossil site from the Early Cretaceous Sao Khua Formation, Sakon Nakhon Province, Northeastern Thailand Phornphen CHANTHASIT (Keynote, Thailand)
16:10-16:25	Dinosaur Footprints from the Sao Khua Formation (Mesozoic) of Phu Kao National Park, Northeastern Thailand Tida LIARD (Thailand)
16:25-16:40	Lithostratigraphy of the Late Cretaceous Khao Ya Puk Formation in Nakhon Thai Region, Thailand: Implication for Environmental Deposition Pradit NULAY (Thailand)
16:40-16:55	Overview of Cretaceous non-marine sediments and their paleoclimatic characteristics in the North of Vietnam Nguyen Xuan KHIEN (Vietnam)
16:55-17:10	JURASSIC-CRETACEOUS STRATIGRAPHY OF MALAYSIA Bin Abdul Rahman MAT NIZA (Malaysia)
17:10-17:25	New data on the litho- and biostratigraphy of the J/K boundary interval of the lower reaches of the Lena river (Eastern Siberia) Igor KOSENKO (China)
17:25-18:30	Business Meeting
18:30-21:00	Dinner

Poster Session

Poster Session: 17:40-18:30, Oct. 15, 2019

Poster lists:

- P-01 *Shajia*, a new genus of polyconitid rudist from the Langshan Formation of the Lhasa Block, Tibet, and its palaeogeographical implications**
Xin Rao*, Peter W. Skelton*, Shin-ichi Sano, Yiqiang Zhang, Yichun Zhang, Yanhong Pan, Huawei Cai, Bo Peng, Tong Zhang, Zhaoxiong Ma
- P-02 A New Understanding of the Jiufotang Formation of the Cretaceous in Western Liaoning**
Zijie Wu, Longwei Qiu, Haipeng Wang
- P-03 Evaluation of Cretaceous hinterland weathering and climate in the Sichuan Basin, SW China**
Tenichi Cho, Hideaki Mantani, Tohru Ohta, Gang Li
- P-04 Ontogenetic changes in postcranial osteology of *Tarbosaurus bataar* (Theropoda, Tyrannosauridae) from the Nemegt Formation (Upper Cretaceous) in Mongolia**
Takanobu Tsuihiji*, Mahito Watabe, Khishigjav Tsogtbaatar
- P-05 Bird footprint fossil-bearing deposits from the Daegu Formation (Cretaceous) in Gyeongsan city, South Korea: occurrences and paleoenvironmental implications**
Hyun Joo Kim
- P-06 Provenance of the Hayang Group sandstones in Gyeongsang Basin, Korea based on detrital zircon geochronology**
Taejin Choi
- P-07 The discovery of Cretaceous Eolian deposits in the eastern margin of Hengyang basin, Hunan and its Paleoenvironmental significance**
Leqing Huang, Jianzhong Huang, Lai Luo, Xianhui Wang, Yaorong Liu, Enyun Liang, Huiying Ma.
- P-08 Contrasting geochemical signatures of tectonic settings and weathering intensity according to depositional environments: a case study from the Cretaceous Neungju Basin, southwest Korea**
Hyojong Lee
- P-09 The difference between Jurassic and Cretaceous cherts in central Europe and its heat treatment before stone chip-ping (pilot study)**
Petr Schnabl, Martin Monik, Zdenka Nerudova, David Milde, Simon Kdyr

Pre-Symposium Field Excursion

Friday, October 11, 2019 – Arrival of participants of pre-symposium field excursion.

Saturday to Monday, October 12–14, 2019 – Pre-symposium field excursion "Cretaceous terrestrial strata in Shandong province".

Monday, October 14, 2019 – Registration of symposium participants

Tuesday, October 15, 2019 – Opening ceremony, scientific sessions, welcoming dinner.

Wednesday, October 16, 2019 – Scientific sessions, business meeting.

Thursday, October 17, 2019– Departure of participants.



Figure 3. Pre-symposium field excursion plan and visiting localities

[Detailed information on the Pre-symposium field excursion](#)

Day 1: Saturday, October 12, 2019 – Jinan and Zhucheng

07:30 Leaving Hotel for Laicheng District of Jinan City.

Investigate the early Early Cretaceous aeolian dune deposits in Laicheng District of Jinan City; observe dinosaur footprints at Huanglonggou of Zhucheng City, and visit the Zhucheng China *Tyrannosaurus* Pavilion

Day 2: Sunday, October 13, 2019 – Laiyang

08:30 Leaving Hotel

Visit the type section of the Lower Cretaceous Shuinan Formation of the Laiyang Group at the Shuinan village; visit the well-known Early Cretaceous fossil fish *Lycoptera* and insects fossil site at the Beipozi village, Laiyang City

Day 3: Monday, October 14, 2019 – Laiyang

08:30 Leaving Hotel

Visit the Early Cretaceous Tuanwang insects fossil site, and the type sections of the Upper Cretaceous Wangshi Group at Doushan, Jingangkou and Jiangjunding areas, and the *Tsintaosaurus spinorhinus* Dinosaur Museum of the Shandong Laiyang Cretaceous National Geological Park.