



# The 12th Symposium on Mesozoic Terrestrial Ecosystems

## Second Circular



August 16-20, 2015

Shenyang, China

# The 12th Symposium on Mesozoic Terrestrial Ecosystems

## *INVITATION*

The Organizing Committee, representing the relevant governmental agencies and scientific institutions, cordially invite you to participate in the “12th Symposium on Mesozoic Terrestrial Ecosystems” held in Shenyang, China in August 16-20, 2015.

Mesozoic (252-66 Ma), a very important era in Earth history, witnessed the breakup of the Pangaea, the geo-/bio- events across the Triassic/Jurassic, the global warming Cretaceous, and the K-Pg boundary, as well as the biodiversity. The study of Mesozoic terrestrial ecosystems is very significant for exploring the origin and early evolution of birds, mammals and angiosperms, and the reason for the dinosaur extinction. The study would also be beneficial for searching the fossil fuels (oil, coal, etc.) and protections of the fossils and other natural heritages in the world.

China, especially the Northeast China, is rich in Mesozoic geo- and biological records, including the well-known Early Cretaceous Jehol biota and Jurassic Yanliao biota, which have greatly contributed to the study of the origin and evolution of Mesozoic organisms. They have provided fresh knowledge to scientists for better understanding of the terrestrial ecosystems in deep time, and put forward also the fossil protection efforts.

MTE-12 will provide an excellent opportunity for geoscientists in multidiscipline to discuss the Mesozoic terrestrial ecosystems, followed by the field excursions to the western Liaoning, including Beipiao (the sites of *Sinosauripteryx*, and the earliest known angiosperm *Archaeofructus*) and Jianchang (the site of the oldest known feathered dinosaur *Achiornis*), to give a memorable experience on the paleoecosystem records. In the meantime, the 3rd Int'l Workshop of IGCP 608 will be held in Shenyang, accompanied with the MTE-12.

Please join us in the summer of 2015 for the MTE-12 in the historical city of Shenyang, NE China for a most exciting scientific gathering. We hope to see you all at the Opening Ceremony!



*SUN Ge*

Chairman, the Organizing Committee of MTE-12  
Director, Paleontological Museum of Liaoning, China

May 20, 2015

## SYMPOSIUM VENUE AND TRANSPORTATION

The MTE-12 will be held in Liaoning Mansion Hotel in Shenyang, Liaoning Province. Liaoning Province has fantastic historical culture, as well as the amazing geoscientific resources, particularly, its splendid Early Cretaceous Jehol biota and Jurassic Yanliao biota greatly contributed to the study of the origin and evolution of Mesozoic organisms.



Shenyang is the capital city of Liaoning Province, and the largest city in Northeast China. August is a pleasant season in Shenyang. The temperature varies approximately from 20°C to 30°C with occasional rains.

The Liaoning Mansion Hotel, is in downtown of the city, about 25 km from the Shenyang International Airport, and about 5 km from the Shenyang-Bei (North Shenyang) Railway Station connected by subway.

The Shenyang International Airport has air-lines directly to Frankfurt, Vancouver, Singapore, Tokyo, Osaka, Seoul, Hong Kong, Macau, Taipei, etc. However, we suggest that the participants would be via Beijing, Shanghai or Guangzhou to transfer. The air-lines of Beijing-Shenyang have more than 10 flights for each day, and Shanghai or Guangzhou to Shenyang have several flights for each day.

The arrival date is suggested on Aug.15, and the departure date from Shenyang is suggested on Aug.21. The free bus or car services will be arranged by the symposium secretariat in the airport (Hotel) for your getting (leaving) to (from) the Liaoning Mansion Hotel .

## PROGRAMME

- Aug.15: Registration in Liaoning Mansion Hotel, Shenyang
- Aug.16: Opening Ceremony, Plenary Lectures, Sessions; Evening: cultural performances
- Aug.17: Sessions
- Aug.18: Sessions, Poster exhibition, visiting PMOL (Palaeontological Museum of Liaoning)



Liaoning Mansion Hotel, Shenyang

Aug.19-20: Field excursions to Beipiao, Chaoyang, and Jianchang of western Liaoning  
Aug.21: Leaving Shenyang

## SCIENTIFIC SESSIONS

### **M-1 Biodiversity of the Mesozoic Terrestrial Ecosystems**

*Conveners:* Wang Y.D., Spicer R.A., Ren D.

Wang Y.D. (NIGPAS, Nanjing, China; [ydwang@nigpas.ac.cn](mailto:ydwang@nigpas.ac.cn))

Spicer R.A. (Open Univ., UK; [r.a.spicer@open.ac.uk](mailto:r.a.spicer@open.ac.uk))

Ren D. (Capital Normal Univ., China; [rendong@cnu.edu.cn](mailto:rendong@cnu.edu.cn))

### **M-2 Mesozoic Geology and Environmental Changes**

*Conveners:* Sun C.L., Suzuki S., Wang P.J.

Sun C.L. (Jilin Univ.,China; [clsun@jlu.edu.cn](mailto:clsun@jlu.edu.cn))

Suzuki S. (Okoyama Univ., Japan; [zysuzuk@cc.okayama-u.ac.jp](mailto:zysuzuk@cc.okayama-u.ac.jp))

Wang P.J. (Jilin Univ.,China; [wangpj@jlu.edu.cn](mailto:wangpj@jlu.edu.cn))

### **M-3 Mesozoic Tectonics and Sedimentary Mineral Resources**

*Conveners:* Cao C.R., Pospelov I.

Cao C.R. (Shenyang Normal Univ., China; [crcao@126.com](mailto:crcao@126.com))

Pospelov I. (GI RAS, Russia; [pospelov-igor@rambler.ru](mailto:pospelov-igor@rambler.ru))

### **M-4 Evolution of Dinosaurs and Origin of Aves**

*Conveners:* Godefroit P., Xu X., Hu D.Y.

Godefroit P. (Royal Museum (NH), Belgium; [pascal.godefroit@sciencesnaturelles.be](mailto:pascal.godefroit@sciencesnaturelles.be))

Xu X. (IVPP, Beijing, China; [xu.xing@ivpp.ac.cn](mailto:xu.xing@ivpp.ac.cn))

Hu D.Y. (Shenyang Normal Univ., China; [hudongyu1@126.com](mailto:hudongyu1@126.com))

### **M-5 Mesozoic Plants and Their Diversity**

*Conveners:* Sun G., Dilcher D.L., Nishida, H.

Sun G.(PMOL/SNU, China; [sunge0817@163.com](mailto:sunge0817@163.com))

Dilcher D.L.(Indiana Univ., USA; [dilcher@indiana.edu](mailto:dilcher@indiana.edu))

Nishida, H. (Chuo Univ., Japan; [helecho@bio.chuo-u.ac.jp](mailto:helecho@bio.chuo-u.ac.jp))

### **M-6 Mesozoic Climatic and Environmental Changes**

*Conveners:* Mosbrugger, V., Herman A., Quan C., Ferguson D.

Mosbrugger, V. (Senkenburg Nat. Hist. Mus., Germany; [vmosbrugger@senckenberg.de](mailto:vmosbrugger@senckenberg.de))

Herman A. (GI RAS, Russia; [alexeiherman@hotmail.com](mailto:alexeiherman@hotmail.com))

Quan C. (Jilin Univ.,China; [quan@jlu.edu.cn](mailto:quan@jlu.edu.cn))

Ferguson D.(Vienna Univ., Austria; [david.kay.ferguson@univie.ac.at](mailto:david.kay.ferguson@univie.ac.at))

### **M-7 Cretaceous Ecosystem in Asia and Pacific (Workshop of IGCP 608)**

*Conveners:* (specially organized by IGCP 608)

Wan X.Q. (China Univ. Geos. Beijing, China; [wanxq@cugb.edu.cn](mailto:w anxq@cugb.edu.cn))

Ando H. (Ibaraki Univ., Japan; [ando@mx.ibaraki.ac.jp](mailto:ando@mx.ibaraki.ac.jp))

Li G.B. (China Univ. Geos. Beijing, China; [liguobiao@cugb.edu.cn](mailto:liguobiao@cugb.edu.cn))

### **M-8 Vertebrate Key-Faunas of the Mesozoic**

*Conveners:* Martin T, Ji S.A., Zhou C.F.

Martin T. (Univ. Bonn, Germany; [tmartin@uni-bonn.de](mailto:tmartin@uni-bonn.de))  
Ji S.A. (Inst. Geol., CAGS, Beijing; [jishu\\_an@sina.com](mailto:jishu_an@sina.com))  
Zhou C.F. (Shenyang Normal Univ., China; [zhoucf528@163.com](mailto:zhoucf528@163.com))

### **M-9 Mesozoic Fossil Footprints**

**Conveners:** Lockley M., Matsukawa M., Li J.J.

Lockley M. (Univ. Colorado, USA; [Martin.Lockley@ucdenver.edu](mailto:Martin.Lockley@ucdenver.edu))

Matsukawa M. (Tokyo Gakugei Univ., Japan; [matsukaw@u-gakugei.ac.jp](mailto:matsukaw@u-gakugei.ac.jp))

Li J.J. (Natural History Museum of Beijing, China; [lijianjun@bmnh.org.cn](mailto:lijianjun@bmnh.org.cn))

**Note:** The Secretariat will inform you that your oral presentations are arranged in which sessions.

## **ABSTRACTS**

All abstracts are up to about two to three pages (A4 size) in length, 12 point of Time New Roma font, including title, author(s), institution(s), corresponding details with email address, four to six key words, the essential line drawings and references.

Please indicate if the abstract is for oral or poster presentation. Please also indicate in which session or symposia you would like to give the presentation. Indicate presenting author(s) by (\*).

Please send your abstract(s) via email [MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn) or [sisifiona1985@163.com](mailto:sisifiona1985@163.com)

Abstract submission deadline: **June 30, 2015**.

A proceeding issue is planned for publication after the symposium in journal *Global Geology*.

## **FIELD EXCURSIONS**

**Aug.19** 7:30 am Leaving Hotel for Baipiao and Chaoyang, western Liaoning

11:00-13:00 Field excursion on Early Cretaceous “Jehol Biota” in Beipiao City area, including the Sihetun village (site of feathered dinosaur *Sinosauropteryx*, etc.), and the Huangbanjigou village (site of the earliest known angiosperm *Archaeofructus*, etc.)

15:00-17:00 Field excursion in Chaoyang City

Visiting the Paleontological Fossil Museum and the geological section in the National Geopark of Chaoyang City

Living in Chaoyang City Hotel

**Aug.20** 7:30 am Leaving Chaoyang for Jianchang County, western Liaoning

10:00-11:00 Field excursion on Jurassic “Yanliao Biota” in Daxishan village of Jianchang County. In the geological section of Middle Jurassic Tiaojishan Formation, the participants can look the site of the earliest known feathered dinosaur *Anchiornis*, and other Jurassic fossils.

12:00 Leaving Jianchang for return to Shenyang

16:00 Arrival in Liaoning Mansion Hotel of Shenyang

Living in Liaoning Mansion Hotel

**Note:** For the field excursions, except for the hotel fees in Chaoyang (ca. US\$50 for each room) which should be paid by the participants, all the transportation, meals, etc. for the excursions are included in the registration fees for the symposium.

## VISA APPLICATION

For applying visa to China, it is usually needed a governmental official invitation document which we need handled for a month with submitting special application to the government. However, since the last year, in a lot of countries the Chinese Embassy (Consulate) can accept the Invitation Letter of the Organizing Committee with the official red stamp in Chinese, which can save time for your visa handling. Thus, we are sending to you the Invitation Letter of the Organizing Committee signed by the Chairman of the symposium Organizing Committee. Please use this letter to handle your visa application. However, if you meet difficulty in the handling, please let us know, then we will handle the governmental official invitation document for you. In any case, the following data will be required for each participant:

- 1). The image of the first page of your passport;
- 2). Your names (surname, given name, etc.), birth date, passport number and valid date;
- 3). Duration of your stay in China, as you hoped;
- 4). Institution (or home) address;
- 5). Telephone (including mobile) and fax (if you have) numbers;

The above information should be sent to us by email as soon as possible. Then the secretariat will deal with the official invitation for you, and send to you by email (PDF file) and the original file (by air mail).

The email address of the organizing committee:

Ms Wu Sizhu, the secretary:

[MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn) or [sisifiona1985@163.com](mailto:sisifiona1985@163.com)

## ACCOMMODATION AND HOTEL RESERVATION

### Accommodation:

The Liaoning Mansion Hotel is a four-star hotel (105, South Huanghe Street, Shenyang), close to the Beiling Park, with convenient transport connections of bus, metro and taxi.

The organization committee has block-booked rooms with economy prices for participants in this hotel for the MTE-12 symposium with the following two categories:

- 1). **Standard Single Room:** 330 RMB Yuan per room/night, including breakfast, with one-bed;
- 2). **Standard Double Room:** 388 RMB Yuan per room/night, including breakfasts, with two-beds.

**Note:** All room above is about 31 square meters, with TV, Air-conditioner, shower and bath, and free Internet and WiFi access.



### Room Reservation:

The symposium secretary will help to reserve the hotel rooms for participants. Please note that the block-booked hotel rooms with economy prices in the Liaoning Mansion Hotel are limited and therefore an early reservation is recommended following the **first come, first serve** principle.

Please contact with the symposium secretariat for your reservation by sending email to:

[MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn) or [sisifiona1985@163.com](mailto:sisifiona1985@163.com)

## REGISTRATION AND PAYMENT

### - Registration fees:

The registration fees cover the congress material including abstract volume, program, souvenirs, meals, and the field excursion fees and part of the organizing fee.

The standards of the registration fees are as follows:

Regular participant	Student *	Accompany
US\$ 500	US\$ 400	US\$ 300

\*Valid student ID is required for the student participants

### - Methods of Payment

The registration fees will be paid only by Credit Card or cash (US\$ or equivalent Chinese RMB Yuan according to the actual exchange rate) in the symposium Secretariat at the Liaoning Mansion Hotel, when you arrived in Shenyang. You will get an official receipt for your registration payment. The Symposium Secretariat does not accept any bank transfer, cheque, etc. before or after the symposium for the registration.

## IMPORTANT DATES

May 20, 2015	Second Circular issued via e-mail and symposium web
June 20, 2015	Before the time, the secretariat sending official invitations to participants
June 30, 2015	Deadline for the abstract submission
July 31, 2015	Third and Final Circular distribution
Aug.15, 2015	Arrival in Shenyang, China

## CONTACT

Since the number of the participants has over been in limitation for the MTE-12 already, no new registrations can be accepted in general, except for the registration for the Workshop of IGCP608, or for scientists specially invited by the Organizing Committee.

If you have any questions and requests regarding to this symposium, please feel free to contact us by e-mail or calls to:

Ms. WU Sizhu

MTE-12 Secretariat (PMOL/Shenyang Normal University)

253, North Huanghe Street, Shenyang 110034, China

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The 1<sup>st</sup> and 2<sup>nd</sup> Circulars can be downloaded from the symposium website:  
<http://www.pmol.org.cn/MTE-12>



## International symposium on “Cretaceous ecosystems and their responses to palaeo- environmental changes in Asia and the western Pacific”

-The 3<sup>rd</sup> Symposium of the International Geosciences Program IGCP 608

August 16-20, 2015, Shenyang, Liaoning, China

### Second Circular



#### *Organizers:*

China University of Geosciences (Beijing)

Shenyang Normal University/ Paleontological Museum of Liaoning



## **GENERAL INFORMATION**

According to the arrangement/plan of the IGCP 608 program, the 3<sup>rd</sup> international symposium of IGCP 608 will be held in Shenyang Normal University/ Paleontological Museum of Liaoning, Shenyang, China. The symposium aims to create an opportunity to discuss the Cretaceous ecosystems and their responses to paleoenvironmental changes in Asia and the western Pacific and based upon the studies of palaeontology, palaeoecology, stratigraphy and sedimentology.

The symposium will be held together with the 12th MTE. It includes three days of oral and poster presentations. It is followed by regular sessions on palaeoenvironments, stratigraphy, paleontology and tectonics. In regular sessions there will be a variety of talks and posters on regional geology, stratigraphy, vertebrate and invertebrate fossil faunas and environments in the eastern part of the Asian continent during Jurassic-Cretaceous.

A post-symposium field excursion will be organized to observe the Mesozoic palaeontology and geology in Liaoning, which contain abundant mega- and micro-fossils. In a two-days field excursion, we will visit some important sites for the Jurassic and Cretaceous biota, stratigraphy, and depositional environments in Liaoning.

The organizing and scientific committees warmly welcome you in Shenyang, for the IGCP 608 symposium, hosted by China University of Geosciences (Beijing) and Shenyang Normal University/ Paleontological Museum of Liaoning.

## **EXECUTIVES AND ORGANIZING COMMITTEE**

### ***IGCP 608 Project Leaders:***

#### **Prof. Hisao Ando (Leader)**

Department of Earth Sciences, Ibaraki University, Japan

#### **Prof. Xiaoqiao Wan (Co-Leader)**

School of Geosciences and Resources, China University of Geosciences, China.

#### **Prof. Daekyo, Cheong (Co-Leader)**

Department of Geology, College of Natural Sciences, Kangwon National University, Korea

#### **Prof. Sunil Bajpai (Co-Leader)**

Birbal Sahnii Institute of Palaeobotany, Lucknow, India

### ***Organizing Committee of the 3<sup>rd</sup> Symposium of IGCP608:***

Prof. Guobiao Li, China University of Geosciences (Chairman)

Prof. Gang Li, Nanjing Institute of Geology and Palaeontology, CAS, Nanjing

Prof. Bainian Sun, Lanzhou University

Prof. Xianghui Li, Nanjing University

Prof. Xuan Ding, China University of Geosciences

Dr. Dangpeng Xi, China University of Geosciences (Secretary General)

Dr. Tian Jiang, China University of Geosciences (Secretary)

Dr. Xiaolu Niu, China University of Geosciences (Secretary)

Yunyun Zhang, China University of Geosciences (Secretary)

Yi Han, China University of Geosciences (Secretary)  
Youjia Yao, China University of Geosciences (Secretary)

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