

International Symposium on Paleoanthropology in Commemoration of
the 80th Anniversary of the Discovery of the First Skull of Peking Man and
the First Asian Conference on Quaternary Research
Beijing, 19-23 October, 2009

SECOND CIRCULAR

In commemoration of the 80th anniversary of the discovery of the first skull of Peking Man, the International Symposium on Paleoanthropology and the First Asian Conference on Quaternary Research will be jointly held in Beijing, 19-23 October, 2009. A special session on “Suyanggae and Her Neighbors” and the Asian Paleolithic Association’s annual meeting will be concurrently held during the symposium. The organizing committee warmly invites colleagues and friends around the world to join the symposium. The theme of the symposium is: Human Evolution and Environment Changes. Both oral and poster contributions are welcome. Topics of scientific sessions planned are as follows:

1. Origin and evolution of humans
 - 1.1 Origin of early hominids
 - 1.2 Origin of modern humans
 - 1.3 Aspects of human evolution
2. Early human Behaviors and cultures
 - 2.1 New discoveries of Paleolithic in Asia
 - 2.2 Migration and interaction of early humans between the East and the West
 - 2.3 Interdisciplinary study of Paleolithic archaeology
3. Changes in geological environment and human activities in Asia
 - 3.1 Environmental background for the evolution of early hominids
 - 3.2 Environmental change and development of civilization
 - 3.3 Recent human activity and its environmental effects

Sponsors:

The Institute of Vertebrate Paleontology and Paleoanthropology,
Chinese Academy of Sciences
Chinese Association for Quaternary Research
The Institute of Geology and Geophysics, Chinese Academy of Sciences

Co-Organizer:

The Zhoukoudian Museum of Peking Man

Financial Supports:

National Natural Sciences Foundation of China
Chinese Academy of Sciences

Organizing Committee:

Chairman: Ding Zhongli

Vice Chairmen: Wu Xinzhi, Liu Jiaqi, Zhu Rixiang, Gao Xing

Members: Chai Yucheng, Ding Zhongli, Fu Bojie, Gao Xing, Guo Zhengtang, Han Jiamao, Hou Yamei, Jin Changzhu, Liu Jiaqi, Liu Wu, Wu Xinzhi, Xiao Jule, Wang Youping, Yao Yupeng, Zhou Liping, Zhou Shaoping, Zhu Rixiang, A. Derevianko, H. Kumai, Y. Lavrushin, Y. J. Lee, K. Okumura, Y.A. Park, Y. Saito, A.K. Singhvi, I. Takashi, A. Velichko, K.Y. Wei

Secretariat: Xiao Jule, Zhang Yi, Cui Ning, Che Jianguo

Arrangements of the Symposium

1. Schedule

- 19 October, 2009: Registration, Xiyuan Hotel, Beijing
- 20 October, 2009: Opening ceremony and key-note speeches
- 21 October, 2009: Oral presentations panels
- 22 October, 2009: Morning: oral presentations panels
Afternoon: poster sessions
- 23 October, 2009: Mid-conference excursion (the Peking Man Site at Zhoukoudian) and closing ceremony

2. Accommodation

The symposium sessions will take place at Xiyuan Hotel (<http://www.xiyuanhotel.com.cn/web/english/index.aspx>), which is across street of the IVPP. The official conference hotel for accommodation is the Xiyuan Hotel, and a special rate will be available for the reservation made before the start of the conference. Should you have your own selection of hotels nearby, we would be happy to provide information but offer no reservation.

A. The Xiyuan Hotel wing building (also known as Xiyuan Hotel Villas)

Single Room RMB 258yuan/day (about \$ 40US per day)

Standard Room A (one bed) RMB 400yuan/day (about \$60US per day)

Standard Room B (two beds) RMB 400yuan/day (about \$60US per day)

Deluxe Room A (one bed) RMB 458yuan/day (about \$70US per day)

Deluxe Room B (two beds) RMB 458yuan/day (about \$70US per day)

B. The Xiyuan Hotel main building

Standard Room A (one bed) RMB 610yuan/day (bout \$90US per day)

Standard Room B (two beds) RMB 610yuan/day (bout \$90US per day)

Please specify your choice in the registration form.

3. Registration

Registration fee is \$400US for professional participants, \$250US for students and accompanying persons. The registration fee covers the symposium materials (for professional and student participants), banquet, meals (except the supper on October 22)

and mid-conference excursion.

Reduced registration fee is offered for early payment: \$300US for professional participants and \$200US for students and accompanying persons, which should be made before **31 August 2009**. To make the advanced payments, please use the Bank Wire Transfer. The bank information shows below:

Bank Name: Bank of China Beijing New Century Hotel Sub-Branch

Add: No.6 South Road Capital Gymnasium, Hai Dian District, Beijing 100044, China

SWIFT Code: BKCHCNBJ110

Account Name: Cui Ning

Account Number: 4080300-0188-042991-8

Please kindly fill in the form of the SECOND CIRCULAR REPLY and return it, before **10 July 2009**, to the secretariat via email (kjc@ivpp.ac.cn), fax (+86-10-68337001) or normal post to the address below:

Research Office

Institute of Vertebrate Paleontology and Paleoanthropology

Xiwai Street 142, Beijing 100044, China

4. Field Trips

Two routes of post-symposium field excursion are planned.

Route 1 (3 days, RMB2000yuan or \$300US/person): Nihewan Paleolithic Site (Yangyuan county, Hebei), Xujiayao Paleolithic Site (Yanggao county, Datong, Shanxi), the Huayan Monastery of Datong and the world cultural heritage-Yungang Grottoes (Datong, Shanxi)

24 Oct (Day 1): Beijing-Yangyuan-Nihewan (overnight stay at Yangyuan)

25 Oct (Day 2): Yangyuan-Xujiayao-Datong (overnight stay at Datong)

26 Oct (Day 3): The Huayan Monastery of Datong-Yungang Grottoes-Beijing

The field trip fee includes transportation during the field trip, 2 nights lodging and 3 days meals, and tickets to the sightseeing spots.

Route 2 (5 days, RMB5000yuan or \$750US/person): Guangxi Bose Basin Paleolithic sites, Guangxi Bubing Basin Quaternary fossil locations, Gaolingpo Paleolithic site, Chongzuo Cave Biota and the UNESCO world heritage-the Rock Painting of the Mountain Huashan

24 Oct (Day 1): Beijing to Nanning by Air; Nanning to Baise by bus
(overnight stay at Baise)

25 Oct (Day 2): Morning, visit Fengshudao paleolithic site;

Afternoon, visit the Youjiang Ethnic Museum and the Deng Xiaoping Memorial Hall (overnight stay at Baise)

26 Oct (Day 3): Morning, visit MeihuiDong Cave site in Bubing Basin;

Afternoon, visit Gaolingpo paleolithic site; then move to Chongzuo;

Evening, a tour of Quaternary fossil collections

(overnight stay at Chongzuo Ecological Park)

27 Oct (Day 4): Morning, visit Chongzuo cave fossil localities;

Afternoon, visit the UNESCO world heritage-the Rock Painting of the Mountain Huashan.

Evening, watch the white-headed langur (*Presbytis leucocephalus*)
(overnight stay at Chongzuo Ecological Park)

28 Oct (Day 5): Chongzuo to Nanning Airport, departure

The field trip fee includes Beijing-Nanning round-trip airfare, transportation during the field trip, 4 nights lodging and meals, and tickets to the sightseeing spots. If you plan not to come back to Beijing after the end of the tour, you will get the refund for the one-way airfare.

Please note that the reservation for the field trips will be on the first come first service basis due to the limited seats available. However, if the reservation is less than 8 persons per trip, we may have to cancel the field trip.

5. Call for Abstracts

All abstracts (in English and within 1 A4 page) should be submitted no later than **10 July 2009**. The abstract should include: title, authors' names (capitalized family names), the institutions and addresses, email address of the corresponding author and main-text of abstracts (see the example below). The abstract should be submitted 1.5 spaced in 11-point, Times New Roman font, with 2.5 cm margins top, left and right, 2.0 cm bottom margin. Figures are not permitted. The abstract should be created in, or converted to, Microsoft Word 2000 or 2003.

Preliminary Report on the Excavations of Shuidonggou Localities 3,4,5 in Ningxia

WANG Huimin¹, PEI Shuwen², MA Xiaoling¹, FENG Xingwu²

1. *Institute of Archeology of Ningxia Hui Autonomous Region, Yinchuan 750001;*

2. *Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences
Beijing 100044*

hmwang@gmail.com

The Localities 3, 4 and 5, which distributed in the southwest margin of the Shuidonggou basin, are the important localities of Shuidonggou site. These localities were not formally excavated since discovered in 1923. The three localities were excavated from August to October 2004, as a salvage archeological project due to the construction of the diversion channel of Ningdong Heavy Chemical Base. The excavations exposed an area of about 80 m². More than thousand of stone artifacts and ostrich egg fragments were excavated and collected from the three localities.

The upper cultural layer and surface lithic assemblage: a total of 928 pieces (479 from surface and 347 from layer ① of locality 4; 102 from upper layer and surface of localities 3,5) of stone artifacts were excavated and collected from the localities 3,4,and 5. More than 30% of blade and high percent of chert as the raw material is the main character. Preliminary analysis of retouched tools and technique as well as the stage of fossilization of ostrich egg fragments and

extinction age of the ostrich in the region indicate that the lithic assemblage stage of localities 3,4 and 5 can be put to the end Upper Paleolithic to early Lower Neolithic of China.

The lower cultural layer lithic assemblage: about 85 pieces of stone artifacts were excavated from the layer ⑥ of the three localities, which seems more primitive in the cultural feature than the upper cultural layer by analyzing the type, morphology and technique of the stone artifacts. About 61.5% of the raw materials were dolomite, which shows similar to the Shuidonggou cultural of Upper Paleolithic in North China. Cores, flakes, blade and biface retouched tools are the main classes without typical microlith and levallois-style cores. The principal technique is direct hammer percussion with commonly core preparation, which the bipolar and soft-hammer percussion are seldom flaking technique.

6. Language

The official languages of the symposium are English and Chinese.

7. Presenter Audio-Visual Instructions and Requirements

All presentations must be loaded on the CONFERENCE COMPUTER the day before the presentation.

All meeting rooms will be equipped with

- 1 Windows computer, with CD/DVD drive, PC-XP with Office 2000/ PowerPoint 2000 or Office 2003/ PowerPoint 2003.
- 1 or 2 screens, depending on room size, LCD projectors, laser pointer and microphone. You will not be permitted to connect your own computer to the LCD projector. Bring your presentation on CD or memory stick and bring a backup copy. Your presentation must be in a format that is compatible with the equipment listed above.

8. Guidelines for Poster

Posters are on display throughout the symposium and an afternoon session will be allocated for poster viewing.

The standard poster size is 0.9m wide x 1.2m high. Smaller, landscaped-size posters are acceptable.

9. Weather

Beijing's temperature in October is about 13° C (day) -- 4° C (night). Remember to check the weather before your travel. Beijing adopts the GMT+8 Time Zone.

10. Key Dates

Second circular reply and abstract submission **before 10 July 2009**

Early payment with reduced fee **before 31 August 2009**

11. Conference Website

Please regularly check the following website for information update:
http://www.ivpp.ac.cn/en/peking_conference/peking_conference.html

SECOND CIRCULAR REPLY FORM

Please Complete (Type or print clearly)

Family Name: Given Name: Country:
Gender: Title:
Institution:
Mailing Address:
Telephone: Fax: Email:

Please insert **YES** or **NO** before:

_____ I want to receive the Final Circular
_____ I plan to attend the symposium
_____ I plan to give an oral presentation
(If yes, provide the title of the presentation here)

_____ I plan to give a poster presentation
_____ I plan to join post-symposium excursion ONE
_____ I plan to join post-symposium excursion TWO

My presentation fits the following topic (insert **YES** *after* the session number below)

1. 1 1. 2 1. 3 2. 1 2. 2 2. 3 3. 1 3. 2 3. 3

Hotel Reservation (insert **YES** *after* your choice)

Xiyuan Hotel wing building

Single Room Standard Room A (one bed) Standard Room B (two beds)
Deluxe Room A (one bed) Deluxe Room B (two beds)

Xiyuan Hotel main building

Standard Room A (one bed) Standard Room B (two beds)

Do you need a formal invitation form for your visa application?

If yes, please inform us the way you want to receive it (by fax, scanned and sent by e-mail, or original one sent by normal post).

PROGRAM

October 20, Room: A Plenary Session

Convenor: GAO Xing

- 10:00-10:30 WU Xinzhi
A preliminary study of net-like evolution of humans in China
- 10:30-11:00 Anatoly DEREVIANKO
The Middle to Upper Paleolithic transition and the origins of Homo sapiens sapiens in Northern and Central Asia
- 11:30-12:00 Milford WOLPOFF
Ancient China plays a role in the origin of all “Modern Humans”

Convenors: GUO Zhengtang and SHEN Chen

- 14:00-14:30 GAO Xing
New advance on Paleolithic research at Zhoukoudian
- 14:30-15:00 Darryl GRANGER
A quantitative assessment of cosmogenic burial dating at Zhoukoudian Locality 1 and implications for cave sedimentation and hominid environments
- 15:00-15:30 LIU Wu
Some recent studies of paleoanthropology in China
- 15:30-16:00 Robin DENNELL
Homo heidelbergensis in Africa and China: the question of isolation and contact
- 16:00-16:20 COFFEE/TEA BREAK-----

Convenors: ZHOU Liping and Russell CIOCHON

- 16:20-16:50 Ronald CLARKE
Who made the Acheulean handaxes
- 16:50-17:20 ZHOU Hui
Molecular anthropological study of ancient population in the northern part of China
- 17:20-17:50 CHEN Min-Te
Monsoon hydrography and productivity changes in the East China Sea during the past 100,000 years: Okinawa trough evidence
- 17:50-18:20 SAITO Yoshiki
Delta initiation and Holocene sea-level changes: examples from Southeast and East Asia

October 21, Room: B Human Origin and Evolution

Convenors: LIU Wu and Maria MARTINÓN-TORRES

- 8:30 Julie CORMACK
A link to the past: “Peking Men” tell stories of Zhoukoudian
- 8:50 LI Tianyuan
East meets west: the dual nature of Yunxian crania
- 9:10 Amélie VIALET
The Yunxian and Nanjing fossil hominids and the *Homo erectus* debate
- 9:30 Russell L. CIOCHON
Rediscovery and reevaluation of the *Homo erectus* bed at the Late Pleistocene site of Ngandong, Java
- 9:50 KAIFU Yousuke
Origin of Javanese *Homo erectus*

-----10:10-10:30 COFFEE/TEA BREAK-----

Convenors: LI Tianyuan and Shara BAILEY

- 10:30 Maria MARTINÓN-TORRES
The First European hominin in Atapuerca (Spain): the role of Asia in the colonization of Europe
- 10:50 WU Xiujie
The brain endocast of Nanjing 1 *Homo erectus* from South China
- 11:10 Karen ROSENBERG
The significance of the Jinniushan specimen for models of modern human origins: a virtually complete pelvis from the eastern edge of the Middle Pleistocene human range
- 11:30 XING Song
Teeth morphology and use marks of Yiyuan fossil hominin
- 11:50 Marcia PONCE DE LEON
The first Europeans outside Africa – paleopopulations or paleospecies

Convenors: JI Xueping and Karen ROSENBERG

- 14:00 LEE Sang Hee
Origin of modern humans in Northeast Asia
- 14:20 Shara BAILEY
Thinking outside the “European” box: dental morphology of African and Asian Middle to Late Pleistocene hominins
- 14:40 Rachel CASPARI
Insights into the origin of modern humans from Neandertal paleodemography
- 15:00 Sheela ATHREYA
Dispersals from the East? Morphological and genetic evidence for the Pleistocene peopling of South Asia
- 15:20 SANKHYAN Anek Ram
Early hominins of Narmada Valley, India and their East-West affinities

-----15:40-16:00 COFFEE/TEA BREAK-----

Convenors: TONG Haowen and KAIFU Yousuke

- 16:00 ZHAO LingXia
Large-bodied hominoid fossils in China
- 16:20 Masanaru Takai
First discovery of fossil colobine monkeys from the Miocene/Pliocene of central Myanmar with comments on the evolution of colobine monkeys in East Asia
- 16:40 OUYANG Jianfei
3D modeling and measurement of human skeleton based on computer vision
- 17:00 Gerhard WEBER
Origins of modern human diversity: Subdivided ancestral population in Pleistocene Africa
- 17:20 Victoria GIBBON
Morphological variation through the Pleistocene and Holocene
- 17:40 Andrew HERRIES
Recent research at the modern human site of Maxxx, Yunnan Province, China
- 18:00 ZHANG Huqin
Analytical research of slave sacrifice victim's bone from Qin State tombs of Guanzhong plain

October 22, Room: B Interdisciplinary Study of Human Evolution and Cultural Development

Convenors: Svetlana BOROUTSKAIA and Winnie MOKOKWE

- 8:30 KHENZYKHENOVA Fedora and SATO Takao
Upper Paleolithic mammal fauna of the Baikal region, East Siberia, Russia (New Data)
- 8:50 ZHANG Shuanquan
Taphonomy of the faunal remains from the Xuchang Man Site, Henan Province, China
- 9:10 Alexander MOTUZKO
Mammals and character of hunting of the Paleolithic men in the territory of the North Minusinsk Hollow
- 9:30 Michelle GLANTZ
Neandertal biogeography in Central and East Asia addressing the validity of a Neandertal range
- 9:50 WANG Yuan
The mammalian fauna and geological age of the *Homo sapiens* Cave hominid site of Mulan Mountain, Chongzuo, Guangxi, South China

-----10:10-10:30COFFEE/TEA BREAK-----

Convenors: LI Chaorong and Michelle GLANTZ

- 10:30 Svetlana BOROUTSKAIA
Late Neandertal of the Paleolith of Crimea: interdisciplinary research
- 10:50 Christine HERTLER
The role of culture in early expansions of humans—a new research centre
- 11:10 Amanda ESTERHUYSEN
Evolution, education and identity politics

- 11:30 Nkosinathi Godfrey TOMOSE
Problems and opportunities in managing a public heritage site: a case of the Cradle of Humankind World Heritage Site (COHWHS), Gauteng and North West Province, South Africa
- 11:50 Winnie MOKOKWE
A preliminary study of a newly discovered fossil site, Goldsmith's, near Sterkfontein South Africa

October 22, Room: B Early Human Behaviors and Cultures

Convenors: Kathleen KUMAN and XIE Fei

- 14:00 Fumiko IKAWA-SMITH
The Paleolithic of Northeast Asia and peopling of the New World
- 14:20 FANG Yingsan
New advance of Paleolithic archaeology in Jiangsu Province
- 14:40 VASILYEV Sergey
Great immigrants of Paleolithic epoch. Campaign towards the sun
- 15:00 LI Yinghua
Cognition and technical behavior of hominids at the Guanyindong site
- 15:20 HU Ping
A primary study on paleoliths of Duzhuang site

-----15:40-16:00 COFFEE/TEA BREAK-----

Convenors: Fumiko IKAWA-SMITH and SATO Hiroyuki

- 16:00 DU Shuisheng
Study on the Beiyao site Luoyang City, China: changes of human behavior pattern during 200KaBP in northern China and the origin of modern Chinese
- 16:20 Panagiotis KARKANAS
Late Middle Pleistocene climate in Southwestern China: inferences from the stratigraphic record of Panxian Dadong, Guizhou
- 16:40 GAO Feng
Preliminary report on the rescued excavation of Zhangkou Cave Site in 2003, Yiliang County, Kunming City, Yunnan Province, China
- 17:00 Erika BODIN
Can Chinese bifacial industries be called "Acheulian"
- 17:20 ZHANG Pu
Acheulean handaxes from Fengshudao, Bose sites of South China
- 17:20 LIU Yang
A new discovery of Dongpo early Paleolithic site in the Nihewan

October 21, Room: C Early Human Behaviors and Cultures

Asian Paleolithic Association Annual Meeting, 2009, Beijing

Convenors: LEE Yung-jo and HOU Yamei

- 8:30 Speech by Chairman Anatoly DEREVIANKO
- 8:50 HUANG Weiwen
 Is it the eastern, or the western
- 9:10 SHUNKOV Michael
 Early human habitation of North Asia
- 9:30 Eric BOEDA
 Longgupo and its position in the earliest industries of Southeast Asia
- 9:50 AKOSHIMA Kaoru
 Research of the early Palaeolithic industry discovered at the Sozudai site, Oita
 prefecture, Kyushu, Japan

-----10:10-10:30 COFFEE/TEA BREAK-----

Convenors: Hiroki OBATA and Eric BOEDA

- 10:30 Chen SHEN
 Multi-task uses of stone tools and cognitive development of the Peking Man
- 10:50 WANG Yiren
 A study of subsistence space of Peking Man at Zhoukoudian
- 11:10 HIDAI Tamiko
 Data Base of Palaeolithic Sites in Japan
- 11:30 SHIMADA Kazutaka
 To be determined
- 11:50 KRIVOSHAPKIN Andrey
 Middle to Upper Paleolithic transition and appearance of modern human behavior in
 Uzbekistan

Convenors: WANG Youping and BAE Ki-dong

- 14:00 Kathleen KUMAN
 Large cutting tool technology in the Early Acheulean of South Africa
- 14:20 LI Chaorong
 The heavy tools in Hanshui River Valley
- 14:40 HOU Yamei
 Research advance on several important Paleolithic sites in the Baise (Bose) Basin
- 15:00 CHAKRABARTI Subrata
 Excavations at Sekhampur Middle Palaeolithic site in Eastern India: a preliminary report
- 15:20 ZHANG Xiaoling
 The new insights on “Adze Shaped Objects” from an Upper Paleolithic site
 (Hutouliang, North China) - a functional perspective

-----15:40-16:00 COFFEE/TEA BREAK-----

Convenors: Marcel KORNFELD and Sari MILLER-ANTONIO

- 16:00 YUAN Jiarong
 To be determined

- 16:20 Hubert FORESTIER
Levallois and non-Levallois blade production at Shuidonggou site, Province of Ningxia, North China
- 16:40 SATO Hiroyuki
Interim report on the excavations of the Yoshii-zawa site in Hokkaido, Northern Japan
- 17:00 WANG Chunxue
Archaeological study of ostrich eggshell beads collected from SDG site
- 17:20 VIDWAN SINGH Soni
Holocene epoch terraces of a small stream generate large assemblages of Palaeolithic-type and edge-ground lithic specimens along with potsherds
- 17:40 LI Feng
A report on Paleolithic reconnaissance in Hulu Revier Drainage, Gansu Province

October 22, Room: C Early Human Behaviors and Cultures

14th International Symposium Suyanggae and Her Neighbours, 2009, Beijing

Convenors: Nikolay DROZDOV and Michael JOCHIM

- 8:30 Speech by Chairman LEE Yung-jo
- 8:50 LEE Yung-jo
Suyanggae: Why so important (III) - with focus on Handaxe
- 9:10 Marcel OTTE
The human's origins, the Chinese situation
- 9:30 JIN Changzhu
The *Homo sapiens* Cave hominin site of Mulan Mountain, Jiangzhou District, Chongzuo, Guangxi with emphasis on its age
- 9:50 LI Zhanyang
Archaeological excavation on the Paleolithic Lingjing site in Xuchang, Henan Province
-----10:10-10:30 COFFEE/TEA BREAK-----

Convenors: LEE Hyeong-woo and WANG Wei

- 10:30 XIE Fei
The discovery and preliminary research of Erdaoliang site in the Nihewan Basin
- 10:50 CHEN Quanjia
Preliminary study on stone artifacts from Dadong site in Helong City, Jilin Province
- 11:10 BAE Ki-dong
New Handaxes from the Jangnamgyo site and implication to the handaxe tradition of the Hantan-Imjin River basin, Korea
- 11:30 LEE Hyeong-woo
With the flint implements, beyond the flint implements
- 11:50 LEE Gi-kil
Preliminary report on the excavations of Dosan site in Southwestern Korea

Convenors: *Lucyna DOMANSKA and AMBIRU Masao*

- 14:00 Nikolay DROZDOV
The prehistoric settlements of human beings in Middle Siberia
- 14:20 ARTEMYEV Evgeny
Specialized economic complexes in Late Paleolithic of Middle Siberia
- 14:40 Asok DATTA
Environment and cultural adaptation in Acheulian West-Bengal
- 15:00 Ran BARKAI
Between Acheulian and Mousterian in the Levant: recent discoveries from Qesem Cave, Israel
- 15:20 Michael JOCHIM
Environmental change and the European Palaeolithic
- 15:40-16:00 COFFEE/TEA BREAK-----

Convenors: *LEE Yung-jo and JIN Changzhu*

- 16:00 Marcel KORNFELD
An early North American use of a rockshelter: two moon, bighorn range, Wyoming
- 16:20 AMBIRU Masao
The Paleolithic cultural corridor around the Sea of Japan and Obsidian Road
- 16:40 Lucyna DOMANSKA
Acculturation or co-operation? Two models of contacts between the Mesolithic hunters and Neolithic farmers
- 16:40 WANG Wei
Mid-Pleistocene bifacial tools at Fengshudao site in west Bose Basin, South China

October 21, Room: D Changes in Geological Environment and Human Activities in Asia

Environmental background for the evolution of early hominids

Convenors: XIAO Jule and SHEN Guanjun

- 8:30 GUO Zhengtang
Strong asymmetry of hemispheric climates ~500 ka ago and impacts on the Asian monsoon climate
- 8:50 LI Xiaoqiang
Expanding and impact of early agriculture in Eastern Asia
- 9:10 Ralf-Dietrich KAHLKE
The first spread of Asian woolly rhinoceros towards Europe and its adaptive evolution in Palaearctic cold stage faunas
- 9:30 Upali de Silva JAYAWARDENA
A note on the geological changes around Sri Lanka during Quaternary Period
- 9:50 Margarita ERBAJEVA
Middle Pleistocene Transbaikalian Tologoi Faunal Complex: composition, implication for biostratigraphy, paleoenvironmental reconstructions and correlation with fauna of Zhoukoudian 1

-----10:10-10:30 COFFEE/TEA BREAK-----

Convenors: LI Xiaoqiang and Margarita ERBAJEVA

- 10:30 LAI Zhongping
When did human-kind first colonize the Qaidam Basin of the NE Qinghai-Tibetan Plateau: luminescence dating results and implications for palaeoenvironmental changes
- 10:50 ZHANG Jiafu
Chronology and geological background of the Palaeolithic cave site of Xiaogushan, northeastern Liaoning Province, China
- 11:10 GIBBON Ryan
Cosmogenic nuclide burial dating in South Africa: chronological and environmental advances
- 11:30 SHEN Guanjun
Redating three key archaic Homo sapiens sites in China
- 11:50 GUO Shilun
Comment on the $^{26}\text{Al}/^{10}\text{Be}$ dating at Zhoukoudian

Environmental background for the evolution of early hominids & Environmental change and development of civilization

Convenor: DONG Wei and Lynne SCHEPARTZ

- 14:00 YUAN Baoyin
The formation mechanism of the ancient Nihewan Lake and its relationship with living environment for early human
- 14:20 SAGAWA Masatoshi
Dates of first appearance of the old Nihewan lake and appearance of the Sanggan River

- 14:40 DENG Chenglong
Magnetochronology of early humans in mainland East Asia: implication for early human migration and adaptation
- 15:00 WU Xianzhu
Primary analysis of fauna from Bailongdong
- 15:20 CHO Tae-sop
Quaternary faunal exchange in South Korea

-----15:40-16:00 COFFEE/TEA BREAK-----

Convenors: DENG Chenglong and SAGAWA Masatoshi

- 16:00 Lynne SCHEPARTZ and Sari MILLER-ANTONIO
Late Middle Pleistocene climate in southwestern China: inferences from the stratigraphic record of Panxian Dadong Cave, Guizhou
- 16:20 Michel RASSE
Geomorphology and stratigraphy of the Longgupo site
- 16:40 MATSUFUJI Kazuto
Construction of East Asian Paleolithic chronology on Loess-paleosol chronostratigraphy
- 17:00 TANG Zihua
Placing prehistorical civilization of Tarim Basin in a climatic context
- 17:20 NIAN Xiaomei
Disappearance of Ancient Lakes in Nihewan Basin and its Relation to Human Evolution

October 22, Room: D Changes in Geological Environment and Human Activities in Asia

Environmental change and development of civilization

Convenors: Ralf-Dietrich KAHLKE and LAI Zhongping

- 8:30 AGADZHANYAN Alexander
Reconstruction of the ancient man paleoenvironment and the habitability of northwestern Altai
- 8:50 ZONG Yongqiang
The Holocene environment and the development of Neolithic agriculture in the Taihu area, China
- 9:10 Wang Guoan
Carbon isotopic assessment of long-term response of trees to the increasing atmospheric CO₂ concentration
- 9:30 KIM Sunghan
Paleoenvironmental changes in the central Bering Sea over the last 65 kyrs
- 9:50 MORINO Yusuke
Aquifer division and distribution in the deeper part under the Osaka plain, central Japan

-----10:10-10:30 COFFEE/TEA BREAK-----

Convenors: ZONG Yongqiang and AGADZHANYAN Alexander

- 10:30 DONG Wei
Age range and paleoenvironment of Xiaogushan fauna at Haicheng, Liaoning Province

- 10:50 KHIM Bookeun
Paleoproductivity changes between MIS 1 and MIS 5e in the central region of the Okhotsk Sea: results of core YK0704-GC9A
- 11:10 Honchim CHIU
Geomorphic and sedimentological evidence of a drained lake system and its associated environmental change in Tingri, Tibet, China
- 11:30 AN Chengbang
The evolution of prehistoric agriculture and its relationship with environmental change
- 11:50 SUN Qianli
A 4,500-year history of climate change and human adaptations in Lake Daihai catchment, monsoonal/arid transition zone, North China

Recent human activity and its environmental effects

Convenors: ZHANG Jiafu and MORINO Yusuke

- 14:00 ZHOU Liping
Impact of human activity
- 14:20 Pavel BELYANIN
Changes in vegetation Pre-Khanka Plain (Russia, Primorski krai) in the Late Holocene, as a result of human activities
- 14:40 ZHANG Gan
Recent sediment records of organohalogenated compounds and polycyclic aromatic hydrocarbons (PAHs) in China: time trends, regional cycling and human activities
- 15:00 MURAKAMI-KITASE Akiko
Historical records of human activities from lake sediments in eastern Asia
- 15:20 WANG Shilu
Effect of human activities on emissions of greenhouse gases from lakes/reservoirs

-----15:40-16:00 COFFEE/TEA BREAK-----

Convenors: ZHANG Gan and Pavel BELYANIN

- 16:00 NADIMIKERI Jayaraju
Impact of anthropogenic pollution on part of Andhra coast, India
- 16:20 SEN Prasanta Kumar
Vertebrate and invertebrate remains analysis in identifying the change of environment during Holocene with remarks on development of human civilization in South Bengal, India
- 16:40 SEN Swati
Impact of Anthropogenic Activities on the Coastal Environment in Sunderbans, India
- 17:00 LI Zhen
Warfare rather than agriculture as a critical influence on fires in the late Holocene, inferred from northern Vietnam