

**The 5<sup>th</sup> International Symposium on Biomolecular  
Archeology Beijing, 12-15 August, 2012**

**Programme**

<b>August 11<sup>th</sup>, 2012</b>		
<b>9:00-17:00</b>	<b>Registration</b>	
<b>August 12<sup>th</sup>, 2012</b>		
<b>9:00-9:35</b>	<b>Opening Ceremony</b>	
	<b>Session: Migration and cultural transmission</b>	
<b>9:35-10:00</b>	Neolithic mitochondrial genomes reveal complex Europe-wide human population dynamics (P60)	Paul Brotherton
<b>10:00-10:25</b>	aDNA reveals an Asian type of leprosy's agent in medieval Scandinavia (P55)	Christos Economou
<b>10:25-11:00</b>	<b>Coffee Break</b>	
<b>11:00-11:25</b>	DNA analysis of an early modern human from China (P57)	Qiaomei Fu
<b>11:25-11:50</b>	Osteology Research on Human Remains from Xipo Cemetery (P66)	Minghui Wang
<b>11:50-14:00</b>	<b>Lunch</b>	
<b>14:00-14:25</b>	Different levels of Neanderthal ancestry in non-African humans (P56)	Melinda Yang
<b>14:25-14:50</b>	Tracing of human migration in the Erlitou site using strontium isotope analysis (P68)	Chunyan Zhao
<b>14:50-15:15</b>	What can ancient and historic plant DNA studies tell us about the globalization of cereals in prehistory? (P58)	Diane L. Lister
<b>15:15-15:50</b>	<b>Coffee Break</b>	
<b>15:50-16:15</b>	Isotopic Evidence for Subsistence shift and sinification of the Tuoba Xianbei in China (P62)	Guowen Zhang
	<b>Session: Diagenesis and Preservation</b>	
<b>16:15-16:40</b>	The Effects of Chemical Composition and Distribution on the Preservation of Phytolith Morphology during Heating(P11)	Yan Wu

<b>17:00-19:00</b>	<b>Welcome Reception</b>	
<b>August 13<sup>th</sup>, 2012</b>		
<b>Session: Food production and consumption</b>		
<b>9:00-9:25</b>	Palaeodiet and horticultural transitions in Lapita and post-Lapita populations from Uripiv Island, Northeast Malakula, Vanuatu (3000-2000 BP)(P45)	Rebecca Kinaston
<b>9:25-9:50</b>	Isotopic analysis of absorbed food residues in Dawenkou Neolithic pottery from Beiquan, Shandong, and experimental cooking vessels(P44)	Nie Zheng
<b>9:50-10:05</b>	Carbon and Nitrogen Isotopic Analysis on Human Bones Excavated from Dong Hei-gou Site in Ba Li-kun County, Xin-jiang Autonomous Region(P38)	Xue Ling
<b>10:05-10:40</b>	<b>Coffee Break</b>	
<b>10:40-11:15</b>	Fruit collection, wood exploitation and environment during Longshan Era: analysis of charcoals from two archaeological sites in upper Ying valley, Henan province, China(P43)	Shuzhi Wang
<b>11:15-11:30</b>	Biomolecular Approaches to Recovering Health and Dietary Information from Ancient Dental Calculus(P48)	Abigail Sian Bouwman
<b>11:30-11:55</b>	A Study on the Diet of Qianzhangda People by Analysis of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of Human Bones(P47)	Zhang Xuelian
<b>11:55-14:00</b>	<b>Lunch</b>	
<b>Session: Bioarchaeology in China</b>		
<b>14:00-14:25</b>	Before the Silk Road: food globalization in prehistory(P19)	Martin Jones
<b>14:25-14:50</b>	New archaeobotanic data for the study of origins of agriculture in China(P15)	Zhijun Zhao
<b>14:50-15:15</b>	Ancient DNA analysis at Xiaohe site, Xinjiang: integrating genetic data of humans, animals and plants(P18)	Yinqiu Cui
<b>15:15-15:40</b>	Milk culture in the Xiaohe Site (BP4000-BP3500)(P14)	Yang Yimin
<b>15:40-16:15</b>	<b>Coffee Break</b>	
<b>16:15-17:25</b>	<b>Poster session</b>	
<b>17:30-19:00</b>	<b>Dinner</b>	

<b>August 14<sup>th</sup>, 2012</b>	<b>One day excursion</b>	
	<b>Location: Mutianyu Great Wall and Qinglong valley</b>	
<b>August 15<sup>th</sup>, 2012</b>		
	<b>Session: New approaches and techniques</b>	
<b>9:00-9:25</b>	Controlled diet experiments for diet reconstruction with stable isotopes of hair, muscle, bone collagen and bone apatite(P74)	Stanley H Ambrose
<b>9:25-9:50</b>	Niche isotope characterisation using strontium and oxygen isotope variation in human tooth enamel(P75)	Jane. A. Evans
<b>9:50-10:25</b>	<b>Coffee Break</b>	
<b>10:25-10:50</b>	Proteomics of ancient organic residues	Andrej Shevchenko
<b>10:50-11:15</b>	The Extraction of Soluble Collagen from Ancient Bones and Carbon and Nitrogen Stable Isotopic Analysis	Ning Wang
	<b>Session: Domestication</b>	
<b>11:15-11:40</b>	Food web, Production and Consumption: the longue durée of the Neolithic of China(P46)	Xinyi Liu
<b>11:40-14:00</b>	<b>Lunch</b>	
<b>14:00-14:25</b>	The Earliest Zooarchaeological Evidence of Wool Exploitation and its implication in Ancient China(P23)	Zhipeng Li
<b>14:25-14:50</b>	Analysing DNA from modern wool and prehistoric textiles(P27)	Luise Ørsted Brandt
<b>14:50-15:15</b>	The Analysis of the Stable Carbon and Nitrogen Isotope of Pig Offering in a Tomb at Qinglongquan, Hubei, China(P22)	Xianglong Chen
<b>15:15-15:40</b>	Ancient DNA Analysis of Domesticated Horses from Ancient China(P29)	Xin Zhao
<b>15:40-16: 05</b>	Population genetics of wild horses in Switzerland detail pre-domestic variation(P26)	Elsner Julia
<b>16: 05-16: 40</b>	<b>Coffee Break</b>	
<b>16: 40-17:30</b>	<b>Discussion</b>	
<b>17:30-17:55</b>	<b>Closing Ceremony</b>	
<b>18:00-20:00</b>	<b>Dinner</b>	

