



Neanderthals Revisited: New Approaches and Perspectives

January 27-29 2005 at New York University

Organizers and Chairs: Katerina Harvati, Terry Harrison

Program

Thursday, January 27 - Hemmerdinger Hall

- 09:00 - 09:30 **Introductory Remarks**
09:35 - 10:05 **S. Bailey & J.-J. Hublin** - Dental remains from the Châtelperronian levels of Grotte du Renne (Arcy-sur-Cure)
10:10 - 10:40 **Y. Rak** - Autapomorphic and primitive characters on the Neanderthal skull base
11:00 - 11:30 **E. Bruner & G. Manzi** - The endocast of an early Neanderthal: Saccopastore 1
11:35 - 12:05 **K. Harvati & T. D. Weaver** - Reliability of cranial character complexes in reconstructing Neanderthal phylogeny
12:05 - 12:35 **J. Ahern** - Samples and species
12:35 - 01:00 **Discussion**
02:30 - 03:00 **R. Franciscus** - Adaptive and non-Adaptive Mechanisms for Neanderthal Facial Form: Where's the Beef?
03:05 - 03:35 **S. Churchill** - Bioenergetic perspectives on Neanderthal thermoregulatory and activity budgets
03:55 - 04:25 **O. Pearson** - How different were Neanderthal habitual activities? Comparisons and analysis of the long bone strength and robusticity of Neanderthals and diverse groups of recent humans
04:30 - 05:00 **W. Niewoehner** - Putting Neanderthal Hands in Their Proper Perspective
05:00 - 05:30 **Discussion**

Friday, January 28 - Jurow Lecture Hall

- 09:00 - 09:30 **A. Rosas, M. Bastir, C. Martínez-Maza, A. García-Tabernero** - Evolutionary cranio-dental development in the Neanderthal lineage. A review in the light of new methods and fossils
09:35 - 10:05 **M. Ponce de Leon** - Neanderthals and modern humans - chimps and bonobos: similarities and differences in development and evolution
10:10 - 10:40 **C. Zollikofer** - Shape change shapes our minds: heterochrony, heterotopy, and human evolution
11:00 - 11:30 **M. Stoneking** - Genetic perspectives on Neanderthals and modern humans
11:35 - 12:05 **D. Serre, A. Langaney, M. Teschler-Nicola, M. Paunovic, G. Possnert, S. Pääbo** - No evidence of Neanderthal mtDNA contribution to early modern humans
12:05 - 12:35 **J. Hawks** - Neanderthal population genetics
12:35 - 01:00 **Discussion**
02:30 - 03:00 **I. Tattersall** - The Neanderthal Clade in Europe
03:05 - 03:35 **T. Holliday** - Neanderthals and modern humans: An example of a mammalian syngameon?
03:55 - 04:25 **J.-L. Voisin** - Ring species: a new way for understanding Neanderthal evolution
04:30 - 05:00 **C. Stringer** - The Neanderthal - H. Sapiens interface in western Europe
05:00 - 05:30 **Discussion**

Saturday, January 29 - Jurow Lecture Hall

09:00 - 12:30 **Discussion Workshop (only open for participants)**

Invited Discussants: **Susan Antón, Jean-Jacques Hublin, Giorgio Manzi, Fred Smith, Milford Wolpoff**