Multidisciplinary Approaches to the Study of Stone Age Weaponry

organized by
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http://stoneageweaponry.wordpress.com/
Program

Monday, 19.09.2011 Arrival in Mainz

20:00 Dinner at Heiliggeist

Tuesday, 20.09.2011 Schönborner Hof, Johannes-Gutenberg Universität Mainz

9:00 Iovita, R  Introduction and setting the agenda

Focus: Recognizing Stone-Age weapon use

9:10 Hutchings, K  When is a Point a Projectile? Impact Fractures, Scientific Rigor, and the Limits of Inference
9:35 Nuzhnyi, D  Experiments with projectile points of Upper Palaeolithic and Mesolithic industries of Ukraine
10:00 Iovita et al.  Controlled ballistic experiments with identical glass replicas of Middle Paleolithic Levallois points
10:25 Sano et al.  Experiments in fracture patterns and impact velocity with replica projectile points from Japan

10:40-10:50 Coffee break

10:55 Rios-Garaizar, J  Variability in the morphology of Mousterian Points: Testing the potential use of throwing spears among Neanderthals from a technological, functional and experimental perspective
11:20 Dinnis, R.  Bladelet cores as weapon tips? Residue and micro-wear analysis of carinated burins from the Aurignacian of Les Vachons, France
11:45 Fullagar, R.  The evidence for weapons: another functional investigation of Australian microliths
12:10 Brooks & Leslie  Recognizing and characterizing projectiles armatures in the early Middle Stone Age of Africa

12:35 Sisk, M.  A critical assessment of simple proxies for projectile plausibility

**13:00-14:30 Lunch**

**Focus: Design and Performance in Different Weapon Systems**

14:30 Cardillo & Charlin  Morphological diversification of stemmed projectile points of Patagonia. Assessing temporal and spatial patterns by means of phylogenies and comparative methods

14:55 Schoville et al.  The Potential of Pre-Howieson’s Poort MSA Backed Blades from Pinnacle Point, South Africa, as Projectile Armatures

15:20 Clarkson, C  Points of Contention: Experimental testing of TCSA/TCSP as archaeological measures of projectile effectiveness

**15:45-15:55 Coffee break**

15:55 Whittaker, J  Levers and Springs: How a Spearthrower Works and Why it Matters

16:20 Yaroshevich, A  Evidence of Hunting Weapon Variability in the Early Middle Paleolithic of the Levant. A view from Misliya Cave, Mount Carmel

16:50 Petillon & Plisson  Thirty years of experimental research on the breakage patterns of Upper Paleolithic bone and antler projectile points: methodological problems and current perspectives

17:15 Khlopachev et al.  Results of experimental use of mammoth ivory projectile points of Upper Palaeolithic forms

**17:40 Discussion**

**Dinner**
Wednesday, 21.09.2011

Focus: Multiple Traces of Hunting Evidence

9:25 Rots, V  Hafting and its impact on projectile technology

9:50 Leduc, C  New hunting evidences from projectile impacts on bones in Danish Maglemosian sites

10:15 Gaudzinski-Windheuser  Hunting lesions in Pleistocene and Early Holocene Faunas

10:40-10:55 Coffee break

Focus: Production, Maintenance, and Curation of Weapons

10:55 Waguespack, N  The role of skill in the production of Folsom projectile points

11:20 Langley, M  Less to the Point: Curation of Magdalenian Antler Projectile Points

11:45 Shott, M  Weibull and Gompertz-Makeham Analysis of Experimental Spear/Dart Data: Implications for Stone-tool Survivorship

12:10-14:00 Lunch

14:00-16:00 Discussion on Goals, Standards, and Future Work

Thursday, 22.09.2011

Departure