

Paleoanthropology Society 2023 Annual Meeting March 28, 29 Hyatt Regency Portland

Program

POSTERS

Tuesday March 28: 4:00 – 6:00

Baraki, Niguss Gitaw, David Braun, Ayebare Eugene, Li Li, Shannon McPherron
Wrist morphology and artifact form: An experimental approach

Beller, Jeremy, Mark Collard
The Paleolithic of Jordan: Research to date and future directions

Bello, Silvia, William Marsh
The distinct mortuary practices of the Magdalenian and Epigravettian (~20,000 to 12,000 years BP) in Europe: combining archaeological and genetic evidence

Belmiro, Joana, Xavier Terradas, Nuno Bicho, Joao Cascalheira
New insights into the chert sources of southern Portugal: A macroscopic and petrographic approach

Biernat, Maryse
Aridity index of the emergence of *Homo* in East Africa

Brandes, Claire, Denne Reed
Incisor ecomorphology of Serengeti Muridae: Implications for paleoecological reconstruction

Caitlin, Craig, Francesco Berna, Sarah Hlubik, David Braun
Micromorphology and site formation processes at FxJj20 AB, northern Kenya: insights on 1/5 Ma evidence of fire

Cascalheira, Joao, Alvis Barbiera, Milena Carvalho, Jovan Galfi, Ana Gomes, Calia Gonsalves, Pedro Horta, Daniela Maio, Roxane Matias, Alicia Medialdea, Lalys Richard, Miren del Val Blanco
Gruta do Escoural: New data on the Middle Paleolithic occupation of southwestern Iberia

Clark, Jamie, Andrew Kandel, Ron Shimelmitz
The Middle to Upper Paleolithic fauna from Sefunim Vave (Mt. Carmel, Israel): Preliminary Results

Crata, Lucile, Simon Parfitt, Charles Day, Silvia Bello
Labial striations on human teeth from the British Upper Paleolithic, Mesolithic and Neolithic

Cabbage, Grey
Considering the visual strategies for communicating Paleolithic concepts to museum audiences at the NMNH Hall of Human Origins

Fahey, B. Patrick, Curtis Marean, Emily Hallett, Danielle Mealer, L. Loera
Temporal trends in faunal exploitation from Mousterian layers at Kobeh Vave (Zagros Mountains, Iran)

Ferguson, Maegan, Alaz Deniz Peker, Charles Egeland
Neotaphonomy of a “common amenity” on the Serengeti Plain, Tanzania

Gonsalves, Calia, Daniela Mai
Spatial patterns and trends of Middle Paleolithic human settlement systems in southern Iberia.

Johnson, Jyhreh, Denne Reed
Observing hominin skeletal element representation at Hadar, Ethiopia using Uberon ontology

Johnson, Kyra, Michael Gallagher, Dan Cabanes
The impacts of wildland fire and campfires on bone for better identification and differential within the archaeological record

Kandel, Andrew, Michael Bolus, Angela Bruch, Claudia Groth, Miriam Haidle, Christine Hertler, Julia Hess, Volker Hochschild, Zara Kanaeva, Malina, Christian Sommer, Nicholar Conard
The ROCEEH Out of Africa Database (ROAD) and its importance to quaternary scientists.

Ki, Li, David Braun, Sam Lin, Jonathan Reeves, Claudio Tennie, Shannon McPherron
Did hominins control hammer strike angles while knapping?

Lin, Sam, Chris Clarkson, Anton Ferdianto, Thomas Sutikna
Differentiating core types using core scar orientation analysis

Moffatt, Maren, Dan Palcu, Rahab Kinyanjui, Kevin Uno, David Braun
Pliocene paleolandscapes in the Koobi Fora Formation, northern Kenya

Murray, John, Alicia Fritz, Bailey Goodling, Swanny Jurczak, Jacob Harris, Andrew Zipkin
Revisiting the earliest evidence for silcrete heat treatment technology at Pinnacle Point 13Bm, South Africa using a new multi-proxy approach

Norwood, Alexandra, Brian Stewart, John Kingston
Going the distance: ungulate migratory dynamics and behavioral responses to shifting Late Pleistocene environments in southern Africa’s Maloti-Drakensberg Mountains

Porter, Joshua, Anna Behrensmeyer, Rene Bobe, David Braun, Susana Carvalho, Ameila Villaastor
Oxygen isotopes and paleoridity in relation to the paleogeography of the Pliocene Turkana Basin, Kenya

Rafael, Eduardo, Tegenu Gossa, Walter Gneisinger, Joao Marreiros, Erella Hovers
EARLYDECISIONS project – Deciphering early hominin decision-making behavior: High-resolution analysis of percussive stone tools from the African Acheulian

Rainis, Victor, Dan Palcu, David Braun, Emmanuel Ndiema, Sarah Hlubik
A magnetic investigation of paleofire on three Early Pleistocene sites

Raney, Emily
Statistical methods for species delimitation in Middle Pleistocene *Homo*

Sinclair, Anthony
The development of paleoanthropology as an interdisciplinary science: A visualization using science mapping

Skosey-LaLonde, Elena, Cezar Mahumane, Clara Mendes, Celso Simbine, Solange Macamo, Mussa Raja, Breanne Clifton, Kevin Inks
Addressing techno-temporal periods in Mozambican archaeology through database and archival research

Vandergugten, John, Genevieve Dewar, Brian Stewart
Mammal size across the late MIS 3 contexts of Sehonghong Rockshelter: Insight into hunter-gatherer use of animals in the highlands of Lesoto

Won, Joseph, Alyssa Enny, Maryse Bierat, David Broun Emmanuel Ndiema, Rolf Quam, Amanda McGrosky
Paleoenvironmental context of early *Homo* evolution in eastern Africa

Zhang, Peiqi, Xiaoling Zhang, Linhui Li, Wei He, Yingshuai Jin, Junyi Ge, Nicholas Zwyns, Shejiang Wang, Xing Gao
An early Upper Paleolithic blade assemblage from the hinterland of the Tibetan Plateau

ORAL PRESENTATIONS

Tuesday, March 28: 9:00 – 12:15
Plaza D

9:00 Introduction

9:15 Bousman, Britt, Jill Pruett, Brian Wood, Kelly Boyer-Ontl, Mark Willis
Early hominin site formation processes and landscape use viewed through a chimpanzee kaleidoscope

9:30 Cebeiro, Adela, Johanna Neufuss, Roman Wittig, Susana Carvalho, Mathieu Malherbe, Sylvain Lemoine, Alastair Key

In the palm of our...or their hand? A comparative analysis of *Pan* and human grips during percussive activities

9:45 Paige, Jonathan, Charles Perreault

How surprising are contents of lithic assemblages? The information entropy of the stoneworking modes A-I framework

10:00 Smith, James

Physical foundations of the *Chaine Operatoire* and the semantics of lithic typology

10:15 Discussion

10:30 Halper, Phoebe, Erin Marie Williams-Hatala, Neil Thomas Roach, Justin Pargeter

Fracture mechanics show variability within skilled knappers

10:45 Clark, Amy

The home as an archaeologically visible space for cultural transmission

11:00 Morin, Eugene, Douglas Bird, Bruce Winterhalder, Rebecca Bliege Bird

Why hunt cooperatively? Reevaluating the evolutionary significance of communal hunting

11:15 Sponheimer, Matt

Problems with *Paranthropus*

11:30 Wilson, Evan, Sonia Harmand

Stone that bleed: Pliocene hominin lithic raw material selectivity at Lomekwi 3, West Turkana, Kenya

11:45 Plummer, Thomas, James Oliver, Emma Finestone, Peter Ditchfield, Laura Bishop, Scott Blumenthal, Cristina Lemorini, Isabella Caricola, Shara Bailey, Andy Herries, Elizabeth Whitfield, Fritz Hertel, Rahab Kinyanjui, Youjuan Li, Stephen Frost, David Braun, Jonathan Reeves, Blasto Onyango, Richard Potts

Expanded geographic distribution and dietary strategies of the earliest Oldowan hominins and *Paranthropus*: Evidence from Nyayanga, Kenya

12:00 Discussion

Tuesday March 28: 2:00 – 3:30

Plaza D

2:00 Hlubik, Sarah, Caitlin Craig, Troy Ferland, Russell Cutts, Rahab Kinyanjui, Benjamin Davies, Francesco Berna, Frances Forrest, Kevin Uno, Andrew Barr, Dan Palcu, David Braun

A landscape perspective on the archaeology of fire

2:15 Ramrekha, Marc, Dimitri Papvasilou, Kyra Johnson, Taylor Anderson, Michael Gallagher, Dan Cabanes

A new method for the quantification of microcharcoal in the archaeokological record

2:30 Belmaker, Miriam, Alon Barash, Hugues Alexandre Blain, Massimo Delfino, Dafna Langgut, Zuorui Liu, Steffen Mischke, Sarah Pederzani, Amy Louise Prendergast, Tom Paikryl, Christian Sanchez-Bandera, Yoav Tzur, Tom White, Omry Barzilai

Preliminary paleoecological results of the new 2021 and 2022 campaigns in the early Pleistocene site of Ubeidya Israel

2:45 Sheriff, Jenni, Keith Wilkinson, Dmitri Arakelyan, Boris Gasparyan, Katie Preece, Mark Sier, Daniel Adler

Landscape evolution and Early Pleistocene hominin expansions in the Armenian Highlands

3:00 Adler, Daniel, Jennifer Sherriff, Keith Wilkinson, Mark Sier, Monika Knul, Jayson Gill, Yannick Raczynski-Henk, Boris Gasparyan

The Early-Middle Pleistocene settlement of northern Armenia

3:15 Discussion

Poster Session 3:30 – 6:00

Wednesday March 29: 9:00 – 12:15

Plaza D

9:00 Bidzinashvili, Giorgi, Rusudan Chagelishvili, Reed Coil, Giorgi Kopaliani, Inga Martkoplshvili, Nikoloz Vanishvili

Kvemo Orozmani, Georgia: A new Lower Paleolithic archaeological site in the southern Caucasus

9:15 Tryon, Christian, Justin Pargeter, Manuel Will, Matthew Shaw, Eleanor Scerri, Kathryn Ranhorn, Jess McNeil, Alex Mackay, Huw Groucutt, Katja Douze, Metin Eren, Alison Brooks, Alice Leplongeon
Getting to 'big data' in the Paleolithic, or, when and how can we reliably aggregate lithic information?
First results from the Comparative Analysis of Middle Stone Age Artifacts in Africa (CoMSAfrica) research project

9:30 Dewar, Genevieve, Brian Stewart, Alex Mackay

Human adaptations to a semi-arid desert during MIS3: Evidence from Spitzkloof Valley, South Africa

9:45 Dusseldorp, Gerrit, Andy Carr, Irini Sifogeorgaki, Bertil van Os, Viola Schmid

Umhlatuzana rockshelter through time: New research into the MSA-LSA transition in South Africa

10:00 Watson, Sarah, Nicolas Zwyns, Teresa Steele

Howiesons Poort lithic technology from Nelson Bay Cave, South Africa

10:15 Discussion

10:30 Beyin, Amanuel

Living by the land, gazing at the sea: Hominin occupation of near-coastal inland plains on the western periphery of the Red Sea

10:45 Gill, Jayson, Daniel Adler, Keith Wilkinson, Boris Gasparyan

The shape of technology to come: A cross-regional exploration of evolutionary relationships between biface and core technologies at the Lower-Middle Paleolithic Boundary in Eurasia

11:00 Bar-Yosef, Daniella, Iris Groman-Yaroslavski

Shell beads of the Middle Paleolithic: Misliya and Qafzeh as case studies

11:15 Gallo, Giulia, Vera Aldeias, Paul Goldberg, Shannon McPherron, Dennis Sandgathe, Alain Turq, Teresa Steele

Zooarchaeological perspective on Neanderthal fire use at Roc de Marsal (France)

11:30 Stojanovski, Darko, Sarah Lacy, Trajche Nacev

The Middle Paleolithic of North Macedonia: The site of Uzun Mera and beyond

11:45 Ambrose, Stanley

Sexual selection for Neanderthal versus modern human craniofacial and vocal tract morphology

12:00 Discussion

Wednesday March 29: 2:00 – 4:30

Plaza D

2:00 Pazan, Kyra, Brian Stewart

Early LGM environments accelerated uptake of bladelet technology at Melikane Rockshelter, Lesoto

2:15 Chen, Caleb, Justin Pargeter, Potiphar Kaliba, Jessica Thompson

Did territoriality between Central-African foragers affect hunter-gatherer mobility in Terminal Pleistocene Malawi? A case study from Hora-1 Rockshelter

2:30 Porter, Samantha Thi, Husna Mashaka, Kathryn Ranhorn

In with the old, in with the new: Integrating archival and modern digital methods at Kisese II, Tanzania

2:45 Rezek, Zeijko, Tobias Lauer, Zenobia Jacobs, Mareike Stahlschmidt, Detlev Degering, Jean-Jaques Hublin, Thomas Kasper, Sarah Pederzani, Geoff Smith, Abdullah Rawashdeh, Mohammad Dabain

New excavations of the rockshelter of Ain Difla in Jordan and the regional Initial Upper Paleolithic

3:00 Chu, Wie, Adrian Dobos, Scott McLin, Alexandru Ciornei

New results from Early Upper Paleolithic excavations in Western Romania: Implications for early modern human expansions into Europe

3:15 Falcucci, Armando, Adriana Moroni, Fabio Negrino, Marco Peresani, Julien Riel-Salvatore, Annamaria Ronchitelli
Investigation Aurignacian technological variability and population connectedness south of the Alps and along peninsular Italy

3:30 Patania, Ilaria, Ogloblin Ramires, Kristen Wroth, Carroll Payton, Sara Zaia, Danielle Falci, Mauro Sebastiano, Christian Tryon
Between land and sea: First results of the early occupation of Sicily (EOS) project

3:45 Discussion

4:00 Business meeting