

8TH ANNUAL MEETING OF THE

European

Society

for the study of

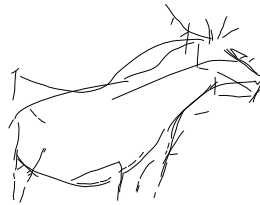
Human


Evolution

13-15 September 2018
FARO/PORTUGAL



European Society for the study of Human Evolution
ESHE
8th Annual Meeting
Faro, Portugal, 13th-15th September, 2018






Cover image: (1) Drawing from an early Solutrean engraved slab and
(2) Typical Solutrean point a face plan
Proceedings of the European Society for the study of Human Evolution Vol. 7
Citation: PESHE 7, 2018
© 2018 European Society for the study of Human Evolution
All rights reserved




PESHE 7 compiled and designed by Mikaela Lui and Carin Molenaar

ISSN 2195-0776 (Print)
ISSN 2195-0784 (Online)



Abstracts
European Society for the study of Human Evolution

Faro, Portugal
September 2018



Neandertal fire

João Zilhão^{1,2,3} Diego Angelucci⁴

1 - ICREA, Barcelona, Spain · 2 - Department of History and Archaeology, University of Barcelona, Spain · 3 - UNIARQ, Centro de Arqueologia da Universidade de Lisboa, Portugal · 4 - Dipartimento di Lettere e Filosofia, Università degli Studi di Trento, Italy

The ability to use fire is unanimously considered to represent the crossing of a fundamental threshold in the emergence of the human genus, but when did the technology to produce it at will first appear remains the object of much debate. In a recent paper, Dibble et al. (2018) conclude, based on the evidence from southwest France, that Neandertals used fire frequently during warm climatic periods and very infrequently during cold periods, implying that they could harvest natural fire but lacked the capability to make it. Those authors further suggest that the hypothesis could be tested and would be refuted if (a) climate was found to be unrelated to the occurrence of natural fires, (b) other sites showed abundant evidence for fire during cold periods, or (c) alternative explanations better explained the observed pattern.

When discussing alternative (b), Dibble et al. (2018) further shed doubt on the reliability of most reports on the evidence for fire in Lower and Middle Paleolithic contexts (namely, Combe Grenal, Zhoukoudian, La Cote de St.-Brelade, Schöningen, Theopetra, Roc-de-Marsal or Grotte XVI). We present data from several Middle Paleolithic sites that we have excavated and studied in Portugal and Spain over the last twenty years showing that the evidence relating to the use of fire — either in the form of finds (hearth features, presence of wood or bone charcoal, burnt flint, etc.) or of soil micromorphological analysis — shows no variation with climate and is as frequent as in the Upper Paleolithic.

At Gruta da Figueira Brava (Portugal), the MIS-5d occupation in units MC3-MC5 forms a dense midden of burnt bone, burnt mollusk shell and charcoal, implying the recurrent use of fire in the context of the human use of the site, eventually forming the archeologically observed palimpsest. In levels III-b/d and III-i/j of Cueva Antón (Murcia, Spain), short-lived episodes of use of riverside beach environments quickly buried by low-energy inundation events and forming single, non-palimpsested occupation surfaces document the use of fire each of the few times the site was visited during MIS-5a. At Gruta da Oliveira, charcoal and burnt bone are ubiquitous across a sequence spanning the 35-100 ka interval, although the preservation of actual hearth features varies in relation to changes in the dynamics of sedimentary accumulation and the position of the excavation trench relative to the morphology of the cave (fast-changing due to massive roof collapse events and the receding of the porch). At the rock-shelter of La Boja (Murcia, Spain), a geologically homogeneous accumulation of >6 m of sandy deposits features an archeo-stratigraphy defined by discrete, white-on-black-on-red lenses documenting the use of fire in every single one of the more than 30 human occupation horizons, whether Middle or Upper Paleolithic, documented at the site over the 10-60 ka interval; flat fires co-occur with hearth pits, earth ovens, and stone-lined or stone-capped hearth features from top to bottom of the sequence.

Based on this evidence, we infer that, in Iberia, Middle Paleolithic people possessed the technology to produce fire at will. If eventually validated, the pattern observed by Dibble et al. in southwest France can therefore be considered, at best, to illustrate cultural/technological variation within the Middle Paleolithic of western Europe — not a species-specific, ultimately biologically grounded feature of general “Neandertal-ness.” More probably, it reflects changes in settlement pattern, as suggested by Sorensen (2017), or in the type of site occupancy.

References:[1] Dibble, H.L., Sandgathe, D., Goldberg, P., McPherron, S., Aldeias, V., 2018. Were Western European Neandertals Able to Make Fire? *Journal of Paleolithic Archeology* 1, <https://doi.org/10.1007/s41982-017-0002-6>[2] Sorensen, A. C., 2017. On the relationship between climate and Neandertal fire use during the Last Glacial in south-west France. *Quaternary International* 436, 114-128. <http://dx.doi.org/10.1016/j.quaint.2016.10.003>

A

Abondio, Paolo 40
 Abrams, Grégory 16, 54
 Achilli, Alessandro 133
 Achuytan, Hema 130
 Affolter, Stéphane 140
 Aguilera, Inmaculada Alemán 28
 Akhmetgaleeva, Natalya 192
 Alarcon-Riquelme, Marta E. 133
 Alba, David M. 2, 193
 Alberti, Matthias 84
 Aldeias, Vera 3, 64, 84, 162
 Alemseged, Zeresenay 84
 Allentoft, Morten 201
 Allsworth-Jones, Philip 4
 Almcćija, Sergio 2, 26, 193
 Alonzo, Alin P. Acuna 50
 Altamura, Flavio 5
 Ameijenda, Alicia 73
 Amice, Potter 169
 Andirko, Alejandro 21
 Anemone, Robert 6, 56
 Angelucci, Diego 207
 Antoine, Pierre-Olivier 25
 Aramendi, Julia 43
 Aranburu, Arantza 168
 Archer, Will 84
 Arganda-Carreras, Ignacio 77
 Arik, Johan 7
 Arlegi, Mikel 77
 Arriaza, Mari Carmen 43
 Arsuaga, Juan Luis 57, 74, 120, 131, 143, 168, 200
 Aubry, Thierry 73
 Avenant, Nico 109

B

Bacon, Anne-Marie 25, 128
 Baelen, Ann Van 130
 Bailey, Shara 8, 30
 Balzeau, Antoine 35, 41
 Bamford, Marion 84, 137
 Bansal, Suramya 9
 Baquedano, Enrique 43
 Bar-Matthews, Miryam 200
 Bar-Yosef, Ofer 148
 Barash, Alon 146
 Bard, Edouard 64
 Bargallo, Amelia 10
 Bartsch, Silvester J. 81
 Bastir, Markus 11, 75, 134, 146
 Bates, Karl 80
 Bauer, Catherine Claudia 12, 23
 Baumann, Malvina 101
 Beaudet, Amélie 13, 24, 47, 206
 Been, Ella 14
 Beer, Frikkie de 13, 24, 206
 Belcastro, Maria Giovanna 15, 65, 180
 Bell, Lauren 16
 Belli, Chiara 173
 Bello, Silvia 153
 Belmiro, Joana Filipa 17
 Belousova, Natalia 90
 Benazzi, Stefano 8, 33, 65, 66, 113, 142, 180, 194
 Benedetti, Michael 38, 87
 Bennett, Matthew R. 5
 Benítez-Burraco, Antonio 18
 Berger, Lee 30
 Berillon, Gilles 89
 Berna, Francesco 173
 Bernardini, Federico 142
 Berthaume, Michael Anthony 19
 Betti, Lia 20
 Beyer, Robert 20
 Bicho, Nuno 17, 87, 94, 160
 Biro, Dora 84
 Biçer, Ömer Sunkar 185
 Blochin, Jegor 71
 Blumenthal, Scott 147
 Bobe, René 84, 159
 Bocherens, Hervé 12, 23

Boeckx, Cedric 21
 Boesch, Christophe 157
 Boesch, Quentin 25
 Boggioni, Marco 55
 Bolin, Viviane 202
 Bonjean, Dominique 54
 Bonneau, Noémie 22
 Bons, Paul 23
 Bookstein, Fred L. 28, 183
 Boraas, Alan S. 169
 Boric, Dušan 92
 Bornitz, Matthias 182
 Bortolini, Eugenio 142
 Boscato, Paolo 16, 113
 Boschian, Giovanni 163
 Boschini, Francesco 16, 113
 Bouchet, Florian 24
 Bourgon, Nicolas 25
 Bove, Antonietta Del 48
 Boyle, Eve 26
 Brasil, Marianne 27, 132
 Braun, David R. 84
 Brenner, Mareike Juliane 29
 Brophy, Juliet 30
 Brown, Samantha 16, 31, 176
 Bruner, Emiliano 58, 150, 161
 Brunner, Han 82
 Bruxelles, Laurent 47
 Brůžek, Jaroslav 164
 Bucchi, Ana 32
 Bukhsianidze, Maia 36, 192
 Burova, Natalia 71
 Butaric, Lauren N. 118
 Buti, Laura 33
 Buzi, Costantino 34, 55
 Byrd, Brian F. 169
 Böhner, Utz 187
 Böskén, Janina 108

C

Cabanes, Dan 173
 Cabec, Adeline Le 33, 96
 Cabestrero-Rincón, María Asunción 55
 Cambra, Rosemary 169
 Cammaert, Laurence 41
 Campaña, Isidoro 57
 Caninas, João 149
 Cantalejo, Pedro 202
 Capecchi, Giulia 113
 Capelli, Cristian 84, 133, 189
 Caporale, Nicolo 21
 Cappellini, Enrico 36, 201
 Caracuta, Valentina 173
 Carbonell, Eudald 57
 Cardoso, Joao Luis 39
 Carlson, Kristian J. 13, 47, 180, 188
 Carmignani, Leonardo 37
 Carotenuto, Francesco 55
 Carr, Debra 129
 Carvalho, Milena 38, 87
 Carvalho, Susana 56, 84
 Casanovas-Vilar, Isaac 2
 Cascalheira, João 17, 39, 87, 94
 Castellani, Niccolò 40
 Castiglione, Silvia 55
 Castro, José María Bermúdez de 121
 Castro, José María Bermúdez de 57, 74, 120, 131, 200
 Chabai, Victor 101
 Chapman, Tara 41
 Charynov, Tamerlan 103, 197
 Cheng, Hai 140
 Chu, Wei 42
 Cilli, Elisabetta 142
 Cipriani, Anna 113
 Clarke, Ronald J. 13, 47
 Cobo-Sánchez, Lucía 43
 Codron, Daryl 144
 Codron, Jacqueline 144
 Coelho, João d'Oliveira 56
 Coffran, Zachary 44
 Cohen, David 148

Collard, Mark 152
 Comeskey, Daniel 51
 Comesky, Daniel 16
 Conard, Nicholas J. 62
 Coolidge, Frederick 45, 52
 Coquerelle, Michael 183
 Coqueugniot, Hélène 127
 Cornette, Raphaël 185
 Correia, Maria Ana 130
 Costa, Bárbara 73
 Couture-Veschambre, Christine 164
 Cowgill, Libby 46
 Crabtree, Stefani 165
 Crater-Gershtein, Kathryn 155
 Cristiani, Emanuela 142
 Crivellaro, Federica 130
 Crompton, Robin 13, 47
 Cunha, Eugenia 84
 Cunha, Pedro P. 149

D

D'Août, Kristiaan 80
 Dan, Comeskey 90
 Daneccek, Petr 169
 Dannemann, Michael 82
 Davis, Rob 153
 Dean, M. Christopher 131
 Delapré, Arnaud 185
 Demeter, Fabrice 25, 128, 201
 Demirhan, Osman 185
 Derevianko, Anatoly 31, 90, 135, 176
 Desai, Tariq 169
 Deschamps, Marianne 49
 Deviese, Thibaut 16, 51, 71, 90
 Dewar, Genevieve 169
 Dhaene, Jelle 13
 Dibble, Harold 3, 162
 Dieringer, Tara 52
 Dipino, Noemi 33
 Dirks, Wendy 104
 Dobney, Keith 152
 Dogandžić, Tamara 123
 Domínguez-Rodrigo, Manuel 43
 Dori, Irene 163
 Douka, Katerina 16, 31, 90, 176
 Duangthongchit, Somoh 25, 128
 Dufour, Élise 25
 Dumoncel, Jean 206
 Dunmore, Chris J. 100
 Düringer, Philippe 25, 128
 Duval, Mathieu 57, 173, 200
 Dytham, Calvin 181
 Díaz, Alejandro 134
 D'Août, Kristiaan 5

E

Edung, Justus 130
 Eisová, Stanislava 58
 Elton, Sarah 47
 Emerson, Charles 6
 Enard, Wolfgang 82
 Endicott, Phillip 169
 Eriksson, Anders 20
 Erp, Theo G.M. van 82
 Espejo, María del Mar 202
 Espinosa, Jose Rodrigo Flores 133
 Estalrich, Almudena 15, 60
 Estrada, Andres Moreno 133
 Evans, Adrian 153
 Evteev, Andrej 61, 88

F

Fagault, Yoann 64
 Falcucci, Armando 62
 Fallon, James 82
 Falyskova, Zuzana 169
 Febbraro, Mirko Di 55
 Fedorowicz, Stanislaw 103
 Feeney, Robin N.M. 33
 Feletti, Francesco 180
 Fernandez, Guillén 82
 Fernández, Norman 63
 Fernández-Sánchez, Diego 202
 Fewlass, Helen 64
 Fiebig, Jens 112
 Figueiredo, Olívia 149
 Ficus, Carla 65
 Filippo, Cesare de 176
 Fiorenza, Luca 66, 142, 180
 Fisher, Simon E. 82
 Fleitmann, Dominik 140
 Foley, Robert 76, 130
 Fontana, Federica 142
 Fornai, Cinzia 22, 67, 200
 Franciscus, Robert G. 118
 Franke, Barbara 82
 Freidline, Sarah 68, 170
 Freilich, Suzanne 69
 Friedl, Lukas 87
 Friess, Martin 70, 122
 Frost, Stephen R. 180, 191
 Frouin, Marine 71, 147

G

Galland, Manon 122
 Galway-Witham, Julia 72
 Gameiro, Cristina 73
 García-Taberero, Antonio 15
 Garcés, Miguel 2
 García, Nuria 168
 García-Campos, Cecilia 74, 120, 121, 131
 García-Diez, Marcos 91
 García-Martínez, Daniel 11, 75, 146
 García-Río, Francisco 75
 Gardiner, James 80
 Gaudzinski-Windheuser, Sabine 5, 177
 Gazzoni, Valentina 142
 Gellis, Jason 76
 Germonpré, Mietje 12
 Giorgio, Manzi 55
 Gladman, Justin 159
 Gneisinger, Walter 115, 145
 Goh, Colleen 47
 Goldberg, Paul 3, 135, 148, 162
 Gomes, Alberto 73
 Gomes, Ana 160
 Gomes, Sérgio 73
 Gonidakis, Panagiotis 41
 Gorincour, Guillaume 22
 Goude, Gwenaëlle 142
 Grabe, Hans J. 82
 Grabowski, Mark 78
 Gracia, Ana 168
 Graham, John W 79
 Grant, Barbara 80
 Griffith, Peter 130, 169
 Groman-Yaroslavski, Iris 155
 Groote, Isabelle De 195, 204
 Grosheva, Alexandra 61
 Grote, Steffi 176
 Grunstra, Nicole D.S. 81
 Grün, Rainer 57, 130, 200
 Guadalupe, Tulio 82
 Guadelli, Aleta 92
 Guadelli, Jean-Luc 92
 Gunz, Philipp 68, 82, 127, 150, 161
 Gutierrez, Eléa 83
 Gutierrez, Humberto 50
 Guérin, Guillaume 89
 Gómez-Olivencia, Asier 77, 143, 164, 168
 Gómez-Robles, Aida 77

H

Haber, Marc 169
 Haber, Maria 63
 Habermann, Jörg M. 84
 Haessler, Martin 22, 67
 Hajdinjak, Mateja 85, 176
 Hanks, Michael 86
 Hansen, Thomas 78
 Harvati, Katerina 59, 98
 Haslam, Michael 157
 Hatala, Kevin 78
 Haws, Jonathan 38, 87, 160
 Heaton, Jason 13, 47
 Henry, Amanda 144
 Herrel, Anthony 185
 Hershkovitz, Israel 173, 200
 Heuze, Yann 88
 Heydari, Maryam 89
 Higham, Tom 16, 31, 51, 71, 90, 92, 176
 Hillson, Simon 203
 Hirasaki, Eishi 172
 Hlusko, Leslea 27, 132, 186
 Hoffman, Jakobus 206
 Hoffmann, Dirk L. 91
 Holguin, Brian 169
 Holliday, Trenton 164
 Hopkins, Rachel 92
 Hopley, Phil 125
 Hora, Martin 93
 Horta, Pedro 94
 Hosfield, Robert 42, 140
 Hosten, Norbert 82
 Hotz, Gerhard 98
 Hromadová, Bibiána 92
 Hublin, Jean-Jacques 8, 25, 33, 64, 68, 82, 85, 96, 100, 127, 128, 190
 Hélie, Jean-François 83

I

Iossifidis, Effie 119

J

Jablonski, Nina 165
 Jacobs, Zenobia 101
 Jakata, Kudakwashe 13, 24, 95, 206
 Jan, Serge Van Sint 41
 Jansen, Bart 41
 Jaouen, Klervia 25, 96
 Jashashvili, Tea 13, 47, 180
 Jaubert, Jacques 110
 Jeffery, Joe 130
 Johnson, John R. 169
 Jones, Emily 38
 Jones, Eppie 20
 Jungels, Cécile 16
 Jungers, William 78
 Jöris, Olaf 171

K

Kalichman, Leonid 14
 Kang, Amanpreet 97
 Karakostis, Fotios Alexandros 98
 Kelly, Walker 44
 Kelso, Janet 82, 176
 Kempe, Vera 18
 Kendall, Christopher 169
 Kerr, Susan L. 169
 Key, Alastair 99
 Kind, Claus Joachim 59
 Kivell, Tracy L. 100, 190
 Kivisild, Toomas 167, 169
 Kolobova, Kseniya 101, 103
 Koppa, Abigale 144
 Kozlikin, Maxim 135, 176

Kozowyk, Paul 102
 Krajcarz, Maciej 101, 103
 Krajcarz, Magdalena 101, 103
 Krenn, Viktoria A. 22, 67, 200
 Kriiska, Aivar 167
 Krivoschapkin, Andrew 31, 103, 110, 197
 Kromer, Bernd 64
 Kufeldt, Chrisandra 104
 Kullmer, Ottmar 66, 112, 142, 184
 Kuman, Kathleen 47
 Kupczik, Kornelius 19, 170, 184
 Kushniarevich, Alena 167

L

Lada, Anton 105
 Lahr, Marta Mirazón 130, 136
 Lalueza-Fox, Carles 201
 Lamb, Henry F. 106
 Lambert, Joanna 144
 Landi, Federica 34, 107
 Laneman, Margot 167
 Lang, Valter 167
 Langley, Michelle 18
 Larionova, Alisa 71
 Lasurashvili, Nikoloz 182
 Lazari, Ariel de 173
 Lbova, Liudmila 90
 Leder, Dirk 108
 Ledevin, Ronan 164
 Ledogar, Justin A. 194
 Lee-Thorp, Julia 173
 Lehmann, Jens 187
 Leichliter, Jennifer 109, 144
 Lesage, Camille 110
 Lesage, Louis 169
 Lev, Maayan 173
 Leventhal, Alan 169
 Li, Bo 101
 Li, Hongjie 169
 Lindgren, Alexandra Sasha 169
 Lindo, John 169
 Link, Vivian 169
 Lockhart, Anna 44
 Loftus, Emma 111
 Lordkipanidze, David 36
 Lorenz, Joseph G. 169
 Lorenzo, Carlos 32, 48, 151, 168
 Louryan, Stéphane 41
 Lugli, Federico 113, 142
 Luiselli, Donata 40, 133
 Luncz, Lydia 157
 Lycett, Stephen 99
 Lázaro, Gizéh Rangel de 161
 Lázničková-Galetová, Martina 12
 López, Mariano 63
 López, Miguel Botella 28
 Lüdecke, Tina 84, 112

M

Mabulla, Audax Z.P. 178
 MacLachy, Laura 116
 Macchiarelli, Roberto 66, 70, 206
 Macciardi, Fabio 82
 Macho, Gabriele 114
 Maddux, Scott D. 118
 Madelaine, Stéphane 164
 Madiquida, Hilario 84
 Madrigal, Jazmin Ramos 201
 Mafessoni, Fabrizio 176
 Maher, Kathryn H. 50
 Maida, Gianpiero Di 53
 Malagó, Aldo 115, 171
 Malhi, Ripan S. 169
 Malinsky-Buller, Ariel 145
 Malone, Maire 116
 Malve, Martin 167
 Manica, Andrea 20, 169
 Manríquez, Germán 134

Manzano, Carmen 73
 Manzi, Giorgio 34, 82
 Marcello, Marco Di 40
 Marcé-Nogué, Jordi 32, 159
 Maria, Ferreira da Silva 189
 Maria, Raquel 64
 Marine, Frouin 90
 Marinelli, Giorgio 40
 Mariotti, Valentina 15
 Mark, Collard 117
 Markin, Sergey 101
 Markova, Anastasija 71
 Marks, Tarah N. 118
 Markó, András 92
 Marques-Bonet, Tomas 201
 Marreiros, João 115, 145, 171
 Martelli, Sandra 119
 Martin-Moya, Diane 122
 Martínez-Maza, Cayetana 68
 Martinon-Torres, María 121, 200
 Martins, António 149
 Martins, Filipe 39
 Martín-Torres, María 74, 86, 120, 131
 Martisius, Naomi L. 64, 123
 Martz, Patricia 169
 Martín, David 43
 Martín-Francés, Laura 57, 74, 120, 121, 131
 Martín-Lerma, Ignacio 49
 Martínez, Felipe 84, 189
 Martínez, Ignacio 131, 168
 Masao, Fidelis 186
 Mateos, Ana 154, 196, 208
 Mathe, Jacinto 84
 Mathie, Alex 72
 Matias, Henrique 73
 Matos, Vitor 156
 Matthews, Gregory 30
 Maureille, Bruno 164
 Mavuso, Silindokuhle 124
 Maxwell, Simon 125
 May, Hila 200
 Mayar, Victor J. Moreno 36
 Mazurier, Arnaud 66
 Maíllo-Fernández, José-Manuel 178
 McClymont, Juliet 47
 McPherron, Shannon 64, 123, 162, 166
 Mednikova, Maria 126
 Meiggs, David 38
 Meir, Orbach 173
 Melchionna, Marina 34, 55, 158
 Melillo, Stephanie 127
 Melis, Rita T. 5
 Meloro, Carlo 55
 Menéndez, Lumila 23
 Mercader, Julio 157
 Mercier, Norbert 173, 200
 Merwe, Renier van der 30
 Metspalu, Mait 133, 167, 169
 Meyer, Matthias 85, 176
 Miebach, Andrea 108
 Milano, Stefania 128
 Milks, Annemieke 129, 153
 Minghetti, Caterina 180
 Mitchell, Peter 111
 Mitteroecker, Philipp 81, 205
 Modesto-Mata, Mario 74, 120, 121, 131
 Modica, Kévin Di 16, 54
 Moggi-Cecchi, Jacopo 34, 163
 Mondanaro, Alessandro 55
 Monson, Tesla 132
 Monteiro-Rodrigues, Sérgio 73
 Montero, Marc de Manuel 201
 Montinaro, Francesco 133
 Monzon-Sandoval, Jimena 50
 Morales, Atrahualpa Castillo 50
 Morales, Natalia 134
 Morante, Guillermo Bravo 28
 Moreno-Márquez, Adolfo 202
 Morley, Mike 101, 135
 Moroni, Adriana 16
 Morseburg, Alexander 169
 Mosquera, Marina 10
 Mounier, Aurélien 130, 136
 Moyà-Solà, Salvador 2, 193

Mulch, Andreas 112
 Murungi, May 137
 Mussi, Margherita 5
 Muwonge, Herman 130

N

Nabais, Mariana 138
 Nagel, Sarah 176
 Nasab, Hamed Vahdati 89
 Nassr, Ahmed Hamid 139
 Natali, Luca 40
 Needham, Andy 181
 Negash, Enquye 84
 Neubauer, Simon 82, 150, 161
 Neudert, Marcus 182
 Nicholson, Sam 140
 Nielsen, Trine Kellberg 202
 Nigst, Philip 20
 Nora, David 149
 Nueesch, Martina 67
 Núñez-Lahuerta, Carmen 77

O

O'Brien, Thomas 204
 O'Higgins, Paul 107
 O'Mahoney, Thomas 141
 Ocherednoi, Aleksander 71
 Olaf, Jöris 115
 Oliveira, Cláudia 73
 Oliveira, Lurdes 73
 Olivieri, Anna 133
 Olsen, Jesper V. 36, 201
 Ongaro, Linda 133
 Organista, Elia 43
 Ossmann, Steffen 182
 Otto, Taylor 202
 Oxilia, Gregorio 142
 Ozgozen, Levent 185
 O'Connell, Tamsin C. 169
 O'Gorman, Kieran 101

P

Pablos, Adrián 143, 168
 Padget, Becky 181
 Pagani, Luca 133, 169
 Pahr, Dieter H. 190
 Paine, Oliver 109, 144
 Paixão, Eduardo 145, 149
 Palancar, Carlos A. 146
 Pamentner, Abigail 44
 Pan, Lei 206
 Pandolfi, Luca 36
 Panetta, Daniele 65
 Pantoja-Pérez, Ana 77, 168
 Papini, Andrea 55
 Parfitt, Simon 153
 Parik, Jüri 167
 Parkinson, Jennifer 147
 Parr, William 180
 Parés, Josep M. 57
 Paskulin, Lindsay 64
 Pataky, Todd 47
 Patania, Ilaria 148
 Patole-Edoumba, Élise 25, 128
 Paulo, Luis M. 84
 Peluzzi, Davide 40
 Pereira, Telmo 149
 Pereira-Pedro, A. Sofia 150
 Peresani, Marco 16, 62, 142
 Peter, Goodluck 186
 Pettener, Davide 40
 Pettitt, Paul B. 91
 Peyrègne, Stéphane 176
 Pickering, Travis 13, 47
 Pietrobelli, Annalisa 15

Pike, Alistair W.G. 140
 Pike, Alistair. W. G. 91
 Pina, Marta 2
 Pinhasi, Ron 20, 69
 Pinillos, Marina Martínez de 74, 120, 121, 131
 Pinto, Maria 84
 Piras, Paolo 158
 Plomp, Kimberly A. 152
 Plummer, Thomas 147
 Polet, Caroline 41
 Ponche, Jean-Luc 25, 128
 Pope, Matt 129, 153, 203
 Pourcain, Beate St. 82
 Prado-Nóvoa, Olalla 154, 196, 208
 Proffitt, Tomos 10, 157
 Profico, Antonio 34, 48, 55, 82, 107, 158
 Prévost, Marion 155
 Prôa, Miguel 156
 Prüfer, Kay 176
 Puts, David A. 165
 Pääbo, Svante 82, 171
 Pérez-López, Noemí 151
 Püschel, Thomas 32, 159

Q

Quam, Rolf 168, 200

R

Radović, Davorka 146
 Raia, Pasquale 34, 55, 158, 195
 Raja, Mussa 160
 Ramos-Muñoz, Jose 202
 Ramsey, Christopher 111
 Randall, Tori D. 169
 Raposo, Luís 149
 Raveane, Alessandro 133
 Reddy, Shani 206
 Reeves, Jonathan 162
 Regala, Frederico Tátá 84
 Reisberg, Tuuli 167
 Rendu, William 96, 123
 Reske, Stefan 127
 Reynolds, Natasha 71
 Reynolds, Sally C. 5
 Rezek, Zeljko 64
 Ribot, Isabelle 83
 Ribéron, Alexandre 24
 Ricci, Stefano 113
 Richards, Michael 96
 Riga, Alessandro 163
 Rios-Garaizar, Joseba 77
 Rivera, Frances 130
 Rmoutilová, Rebeka 164
 Roberts, Mark 153
 Roberts, Richard 101, 135
 Robles, Josep M. 2
 Rodríguez, Jesús 154, 196, 208
 Romandini, Matteo 16, 142
 Ronchitelli, Annamaria 16, 113
 Rook, Lorenzo 55
 Roots, Siiri 167
 Rosas, Antonio 15, 60, 146
 Rosas, JohnTommy 169
 Rosell, Jordi 57
 Rosenfield, Kevin 165
 Rudaya, Nataliya 101
 Ruebens, Karen 166, 177
 Ruitter, Darryl de 30
 Ruscone, Guido Alberto Gneccchi 40, 133
 Ryan, Timothy M. 65, 180
 Rybin, Evgeny 90
 Ryder, Christina 144

S

Saag, Lauri 167
 Saag, Lehti 167
 Sahy, Diana 140
 Sala, Noemi 77, 168
 Sanchis, Alfred 77
 Sandgathe, Dennis 3, 162
 Sandhu, Manjinder S. 169
 Sandrock, Oliver 112
 Santos, Ana Luisa 4
 Santos, Eduardo Tarazona 133
 Sarig, Rachel 200
 Sarno, Stefania 133
 Sartorio, Jessica C. Menghi 142
 Sayavonkhamdy, Thongsa 25, 128
 Sazzini, Marco 40
 Scally, Aylwyn 169
 Schaefer, Katrin 28
 Scheib, Christiana 167, 169
 Scherjon, Fulco 179
 Schlager, Stefan 34
 Schrenk, Friedemann 112
 Schuh, Alexandra 68, 170
 Schulz-Kornas, Ellen 184
 Schunk, Lisa 171
 Schwenninger, Jean-Luc 71
 Scliar, Marilia 133
 Sellers, William 47, 159, 172
 Semal, Patrick 16, 41
 Semino, Ornella 133
 Serio, Carmela 55
 Shackelford, Laura 25, 128
 Shao, Qingfeng 57
 Shapland, Chin Yang 82
 Shaw, Colin 180
 Shenk, Mary K. 165
 Sherpa, Mingma 40
 Sherpa, Phurba 40
 Shimelmitz, Ron 173
 Shnaider, Svetlana 101, 103
 Sholukha, Victor 41
 Shriver, Mark D. 165
 Shunkov, Michael 31, 90, 135, 176
 Sichanthongtip, Phonephanh 25, 128
 Sihanam, Daovee 25, 128
 Silva, Maria Ferreira da 84
 Simonovich, Azaria 14
 Simons, Evan A. 191
 Sinet-Mathiot, Virginie 64
 Sinitsyn, Andrei 174
 Sirakov, Nikolay 64, 92
 Sirakova, Svoboda 64
 Skinner, Matthew M. 100, 190, 206
 Skoglund, Pontus 175
 Slice, Dennis 28
 Slon, Viviane 176
 Sládek, Vladimír 93
 Smith, Chris Tyler 169
 Smith, Geoff M. 64, 177
 Solano-Megías, Irene 178
 Soligo, Christophe 86, 125, 203
 Solnik, Anu 167
 Songita, Agustino 186
 Sorensen, Andrew 179
 Soressi, Marie 85, 96, 123
 Sorrentino, Rita 15, 65, 180, 194
 Soto, Ernestine Ygnacio-De 169
 Souksavady, Viengkeo 25, 128
 Sousa, Alexandra A. de 50
 Spasov, Rosen 64
 Spilkins, Penny 181
 Sponheimer, Matt 109, 144
 Spoor, Fred 11, 100
 Stalmans, Marc 84
 Standish, Christopher D. 91
 Steele, Teresa E. 123, 177
 Stepanova, Kseniya 71
 Stephens, Nicholas B. 65, 100
 Stock, Jay 20, 169
 Stoessel, Alexander 182
 Stolbovaya, Inga 183
 Strait, David 194
 Stratford, Dominic 13, 47, 124

Stuhlträger, Julia 184
 Su, Anne 180, 188

T

Talamo, Saha 64, 96, 142
 Tambets, Kristiina 133, 167
 Tardieu, Christine 185
 Tassi, Francesca 20
 Tawane, Mirriam 24, 206
 Taylor, Catherine 186
 Tejero, José-Miguel 155
 Tenailleau, Christophe 24
 Terberger, Thomas 187
 Tereso, João 73
 Testa, Giuseppe 21
 Teumer, Alexander 82
 Thorpe, Susannah 47
 Tilot, Amanda K. 82
 Tommy, Kimberleigh 188
 Toro-Ibacache, Viviana 134
 Torre, Ignacio de la 10
 Torres-Sanchez, Isabel 75
 Torres-Tamayo, Nicole 75
 Torroni, Antonio 133
 Tourloukis, Vangelis 98
 Towle, Ian 195
 Tozzi, Carlo 163
 Tralma, Paula 189
 Tsanova, Tsenka 64
 Tsegai, Zewdi J. 190
 Tuna, Thibaut 64
 Tuniz, Claudio 142
 Turley, Kevin 180, 191
 Turq, Alain 162
 Tushbramishvili, Nikoloz 192
 Tütken, Thomas 25

U

Uhl, Alexandra 23
 Uliyanov, Vladimir 135
 Upchurch, Paul 125
 Urciuoli, Alessandro 193
 Uribelarrea, David 43
 Urrutia, Araxi O. 50

V

Valk, Heiki 167
 Valladas, Helene 200
 Valoriani, Veronica 34
 Varul, Liivi 167
 Vasilev, Sergey 101
 Vazzana, Antonino 194
 Veen, Rick van 4
 Velemínská, Jana 164
 Velemínský, Petr 58
 Veneziano, Alessio 34, 55, 158, 195
 Vernot, Benjamin 82, 176
 Vero, Veronica 55
 Vidal-Cordasco, Marco 154, 196, 208
 Vidarsdottir, Una Strand 152
 Vierin, Stéphanie 163
 Villa, Chiara 170
 Villems, Richard 167
 Vincenzo, Fabio Di 55, 82
 Viola, Bence 101, 103, 176, 197
 Vishniatsky, Leonid 71
 Vitriolo, Alessandro 21
 Voskresenskaya, Ekaterina 71
 Völker, Uwe 82

W

Wacker, Lukas 64
 Wacker, Ulrike 112
 Walker, Michael John 63, 198
 Wang, Wei 201
 Watkin, Tegid 199
 Weber, Gerhard W. 183, 200
 Wegmann, Daniel 169
 Weinstein-Evron, Mina 173, 200
 Weissbrod, Lior 173
 Welker, Frido 36, 64, 96, 123, 201
 Weniger, Gerd-Christian 202
 Westaway, Kira 128
 Weston, Darlene A. 152
 White, Julie 165
 White, Suzanna 203
 Willerslev, Eske 36
 Williams, Scott A. 11
 Williamson, Ronald 169
 Willman, John C. 163
 Wilshaw, Alex 130
 Wilson, Byron 4
 Wiseman, Ashleigh L. A. 204
 Wittfeld, Katharina 82
 Wittig, Roman 184
 Wißing, Christoph 23
 Woodhead, Jon 140
 Wright, Barry 181
 Wroe, Stephen 180
 Wu, Xiaohong 148
 Wynn, Jonathan 84

X

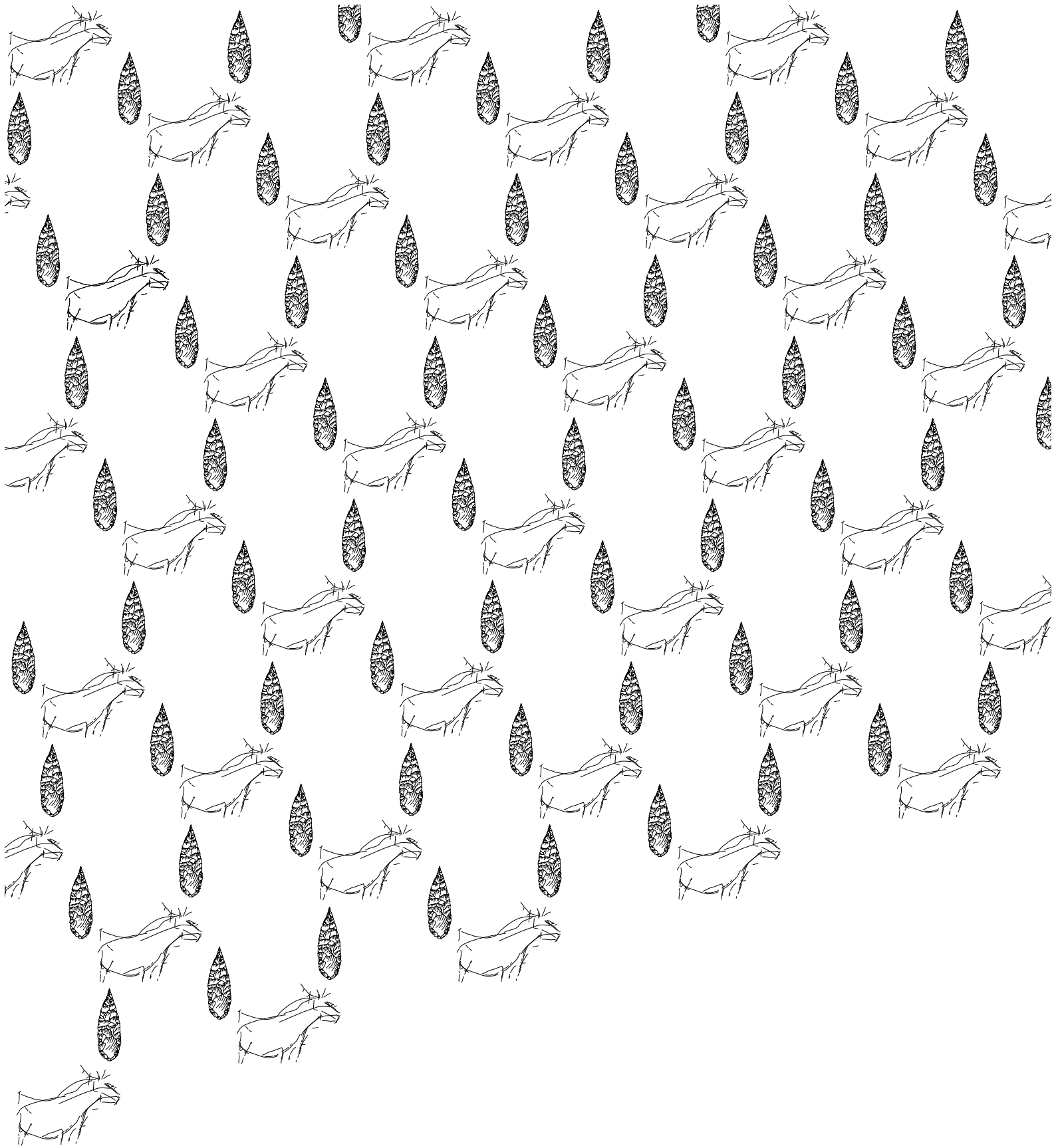
Xue, Yali 169

Y

Yeshurun, Reuven 155, 173
 Yravedra, José 43

Z

Zaatari, Sireen El 59
 Zaffarini, Eva 205
 Zaidner, Yossi 155, 200
 Zanella, Matteo 21
 Zanolli, Clément 66, 121, 193, 206
 Zeppilli, Carlotta 34
 Zhang, Chi 148
 Zilhão, João 49, 91, 207
 Zipfel, Bernhard 24, 188, 206
 Zorrilla-Revilla, Guillermo 154, 196, 208



ESHE
*European Society
for the Study of
Human Evolution*



www.eshe.eu