

SUNDAY, September, 21st

REGISTRATION.Centro de Congresos & Exposiciones San Rafael.

15:00 hs.-19:00hs.

MONDAY, September, 22nd

Session 32 "THE PROSPECTS AND CHALLENGES OF FAUNAL DATA INTEGRATION AND COMPARATIVE ANALYSIS"; Organizer: Katherine Spielmann.*Sala Chañares A.*

14:30 hs. 139- Kintigh, K.; Spielmann, K. *Large Scale Faunal Synthesis Using tDAR: the Digital Archaeological Record.*

14:50 hs. 177- Clark, T. *Developing a Protocol to Assess Taphonomic Comparability in Regional Datasets.*

15:10 hs. 249- Clark, T. *Evaluating Contextual Variability in Regional Faunal Studies.*

15:30 hs. 073- Spielmann, K. *Faunal Resource Depression and Turkey Intensification in the North American Southwest.*

15:50 hs. 156-Neusius, S.; Styles, B. *The Eastern Archaic Faunal Working Group: Extending Collaboration and Data Integration to the Interior North American Eastern Woodlands.*

Session 24 "CLIMATE CHANGE, MARINE PRODUCTIVITY, AND HUMAN-BASED ECOSYSTEMS: CONTRASTING SUB-ARCTIC AND SUB-ANTARCTIC HISTORICAL MARINESCAPES"; Organizers: Herbert Maschner, Luis Borrero, Matthew Betts and Nicole Misarti. *Sala Chañares B.*

14:30 hs. 298-Maschner, H.; Benson, B.; Betts, M.; Holmer, N.; Misarti, N.; Tews, A. *The Zooarchaeology of Sanak Island, Alaska: Sea Lions, Climate, and Cod Explain a 5000 Year History.*

14:50 hs. 135- Hourdard, C. *The evolution of cultural and technological choices in the osseous tool-kit around the Foxe Basin, from Pre-Dorset to Thule culture.*

15:10 hs. 322-Monks, G., Kenward, T.; Knapp, M.; Thomas, J. *A Northern Fur Seal Breeding Site on Canada's West Coast?*

15:30 hs. 433- Hambrecht, G.; Perdikaris, S.; Brewington, S.; Feeley, F.; Hicks, M.; McGovern, T. *NABO (North Atlantic Biocultural Organization) Archaeological investigations of the Eastern North Atlantic Fisheries.*

15:50 hs. 453- Etnier, M.; Fitzhugh, B.; Finney, B.; Hirons, A. *Archaeofaunas from the Kuril Islands, Russia, and their utility in understanding the effects of climate change on marine ecosystems in the Late Holocene.*

16:10 hs. 373- Harrison, R. *From Early Icelandic Fisheries to North Atlantic Enterprise Long-term Investigations of Marine Economy in Eyjafford, Iceland.*

16:50 hs. 375- Smiarowski, K. *Half a Millennium of Marine Resource Use by Farming Hunters in Medieval Norse Greenland.*

17:10 hs. 239- Misarti, N.; Borrero, L.; Finney, B.; Maschner, M.; Morello, F.; San Roman, M. *55° North, 55° South: Contrasting marine food webs and productivity through time and space.*

17:30 hs. 463- Yesner, David R. *The Aleutian/Fuegian Connection Revisited: Zooarchaeological Reflections of Holocene Paleoclimatic Change.*

17:50 hs.-18:10 hs. **POSTER**

241- Zangrando, Atilio Francisco; Kochi, Sayuri; Riccialdelli, Luciana; Tessone, Augusto; Tivoli, Angélica M.; Newsome, Seth D.; Marilyn Fogel. *Paleoecology of the sub-Antarctic marine ecosystem of southern South America in the last 6500 years.*

Session 15 "DAIRYING OF NON BOS DOMESTICATES"; Organizers: Julia E. M. Cussans and Jacqui Mulville. *Sala Coirones A.*

14:30 hs. 204- Hadjikoumis, A.; Vigne, J-D. *There's more than one way to milk a sheep/goat: origins and development of dairying in Cyprus.*

14:50 hs. 297- Ewens, V. *Identifying the hidden value of sheep milk using developmental defects in dental enamel.*

15:10 hs. 329- Gillis, R.; Gerbault, P.; Bréhard, S.; Callou, C.; Baly, I.; Tresset, A.; Thomas, M.; Vigne, J-D.; Evershed, R. *New methodological approaches and perspectives on the development of caprine dairying in Europe from the 7th to 5th Millennium BC.*

15:30 hs. 334- Roffet-Salque, M.; Dunne, J.; di Lernia, S.; Ryan, K.; Faye, B.; Outram, A.; Evershed, R. *Extending the carbon isotope proxy for animal fat identification in lipid residue preserved in archaeological vessels to a wide range of ruminant and non-ruminant fat.*

15:50 hs. 438- Rosell, A.; Saña, M.; Moraleda, N.; Navarrete, V.; Gillis, R.; Palomo, A. *Chemical and archaeozoological evidences of dairy practices during the early Neolithic in the Iberian Peninsula.*

16:10 hs. 460- Cussans, J.; Armit, I.; McKenzie, J. *Sheep Dairying in Iron Age Scotland: a case study from Broxmouth, East Lothian.*

16:50 hs. 505- Baker, P.; Popkin, P.; Hammon, A.; Worley, F.; Payne, S. *The sheep project: investigating the effect of breeding on skeletal maturation, growth, size and shape in unimproved Shetland ewes of known age, nutrition and breeding status.*

17:10 hs. 514- Mulville, J. *Deer and dairying: interpreting cervid mortality patterns.*

Session 25 "ARCHAEOZOOLOGICAL STUDIES OF AMPHIBIANS AND REPTILES"; Organizers: Rebecca Biton and Krister T. Smith. Sala Coirones B.

14:30 hs. 265- Smith, K. *Using tooth corrosion signatures to identify microvertebrate fossil accumulators.*

14:50 hs. 017- Blain Hugues-Alexandre; Agustí, J.; Cuenca-Bescós, G. *Reconstructing Quaternary climate and landscape using amphibians and reptiles: the case of the first human settlement in Western Europe.*

15:10 hs. 263- Sanchiz Borja; Lobo, J. *Validity and reliability of an archaeobiological tool: Testing the accuracy and precision of batrachian climatic inferences in the northern iberian ecoregion.*

15:30 hs. 062- Stoetzel, E.; Bailon, S.; El Hajraoui, M.; Nespollet, R. *New herpetofaunal data from Temara's caves (Morocco): archaeological and palaeoecological implications.*

15:50 hs. 343- Bauer, A.; Daza, J.; Lilley, I.; Wake, T.; Sand, C. *Herpetofaunal remains from Archaeological Sites on Tiga, Loyalty Islands, New Caledonia.*

16:10 hs. 162- Bochaton, C.; Grouard, S.; Cornette, R.; Ineich, I.; Tresset, A.; Bailon, S. *Humans and Iguanas in Guadeloupe (West-Indies).*

16:50 hs. 122- Cooke, R.; Jimenez, M. *Neotropical anurans re-visited: Evaluation of the Precolumbian use of frogs and toads for food, as poison and in rituals.*

17:10 hs. 317- Boschin, F.; Boscato, P.; Crezzini, J.; Wierer, U. *The exploitation of *Emys orbicularis* in the alpine Mesolithic: the case-study of Galgenbühel/Dos de la Forca (South Tyrol, Italy).*

17:30 hs. 202- Biton, R.; Steiner, T. *Turtles from Late Pleistocene Sites in the Hula Valley, Israel: paleoecology and human exploitation.*

Session 23 "INVESTIGACIONES SOBRE EL PERRO (*CANIS LUPUS FAMILIARIS*): DOMESTICACIÓN, MANEJO Y MORFOTIPOS"; Organizer: Velia Mendoza España. Sala Coirones C.

14:30 hs. 450- Acosta, A.; Loponte, D. *Pre-columbian dogs in southern South America: new records from the Pampa Region (Argentina).*

14:50 hs. 147- Valadez Azúa, R.; Rodríguez Galicia, B. *Cánidos prehispánicos del sitio Cueva Estrella, Oaxaca, México.*

15:10 hs. 278- Horard-Herbin, M.-P. *The consumption and status of dogs during the Iron Age in France.*

15:30 hs. 146- Valadez Azúa, R.; Rodríguez Galicia, B. *Criterios para la identificación de híbridos de perros (*Canis lupus familiaris*) y coyotes (*Canis latrans*) provenientes del México prehispánico.*

15:50 hs. 108- Meier, S. *Dog breeding in Ancient America? An open debate over the classification of breeds since the beginning of 20th century.*

16:10 hs. 145- Valadez Azúa, R. *Análisis del cráneo de un perro mesoamericano de un morfotipo desconocido.*

16:50 hs. 523- Braulińska, K. *Canis lupus f. domestica in Pharaonic Egypt.*

17:10 hs.-17:50 hs. **POSTER**

277- Larson, G.; Dobney, K.; Cucchi, T.; Evin, A.; Linderholm, A.; Loog, L. *Deciphering dog domestication through a combined ancient DNA and geometric morphometric approach.*

359-Corona-M., E.; Giles Flores, I. *Una síntesis del registro de perros mesoamericanos en el Estado de Morelos (México).*

345-Mendoza España, V.; Lahor, M.; Vera, D.; Capriles, J. *Primer hallazgo de restos óseos de un perro de patas cortas en Iroco, Oruro, Bolivia.*

Session 16 "THE FUTURE OF OSTEOMETRIC ANALYSES - METHODS AND APPLICATIONS"; Organizers: Katie Manning and Louise Martin. Sala Coirones D.

14:30 hs. 104- Manning, K.; Cream, E.; Timpson, A.; Shennan, S. *Identifying changes in European Neolithic cattle dimensions. A review of osteometric quantification methods.*

14:50 hs. 056- Wright, L. *The morphological variation of the European aurochs (Bos primigenius): reflections on a biometrical study with a wide spatial and temporal focus.*

15:10 hs. 142- Paris, P-E. «*Weight Method*»: a new research perspective for Latenian site.

15:30 hs. 051- Pöllath, N.; Alibert, P.; Peters, J. *Documenting early domestication of sheep through geometric morphometric approaches and traditional osteometry.*

15:50 hs. 480- Izeta, A.; Srur, M.; Labarca Encina, R. *Compiling bone metric variables from South American camelids. 40 years of osteometry development in the southern cone.*

16:10 hs. 076- Llorente-Rodríguez, L.; Albarella, U.; Morales-Muñiz, A. *Spanish ibex from Cova Fosca (Castellón, Spain) revisited.*

16:50 hs. 096- Salvagno, L. *The neglected goat: a new methodological approach to the understanding of the role of this species in the English Medieval husbandry and economy.*

17:10 hs. 445- Borella, F.; L'Heureux L.; Vales, D.; Crespo, E. *Body size of Arctocephalus australis and its implications for osteometric studies in zooarchaeological remains from northern Patagonia, Argentina.*

17:30 hs. 171- Poland, G. *Identifying goose and duck remains from archaeological sites using morphometric analysis.*

OPENING SESSION AND WELCOME COCKTAIL . AUDITORIUM

18:15 hs.-20:30 hs.

TUESDAY, September, 23rd

Session 19A "NEOTROPICAL ZOOARCHAEOLOGY"; Organizers: Pablo M. Fernández, Mariana Mondini and Sebastián Muñoz. Sala Retamo.

09:00 hs. 000- Fernández, P.; Mondini, M. and Muñoz, S. *Presentación.*

09:20 hs. 043- Pérez-Crespo, V.; Arroyo-Cabral, J.; Johnson, E. *Inferencias ambientales actuales y pasadas de la cueva de San Josecito, Nuevo León, México.*

09:40 hs. 401- Souza, R.; Macario, K.; Aguilera, O.; Marques Jr., A.; Silva, E. *Shellmounds southeast coast of Brazil: a study of climate change.*

10:00 hs. 346- Grouard S.; V. Sierpe González *Sufossil bats from the Caribbean: insularity, endemism, and anthropisation.*

10:20 hs. 243- Muñoz, A. S. *Taphonomic patterns in coastal Patagonia surface bone assemblages: a case study.*

11:10 hs. 178- Ramos, E.; Reiber, A.; Campos, L.; Raguá, L. *Avances en la investigación microarqueológica sobre termoalteraciones en contextos zooarqueológicos del Caribe colombiano.*

11:30 hs. 469- Zorro-Luján, C.; Archila, S.; Langebaek, C. *El registro zooarqueológico en el noroeste de los Andes y las estrategias de subsistencia de grupos de cazadores recolectores.*

11:50 hs. 126- Beovide, L.; Martínez, S.; Norbis, W. *Exploitation of resources and space use patterns related with the shell middens of the Rio de la Plata coast (ca. 3000 a 2000 year BP), Uruguay.*

12:10 hs. 223- Frontini, R.; Bayón, M. *Trends in the use of marine resources during Holocene in the Southwest of Buenos Aires Province (Argentina).*

12:30 hs. 074- Alunni, D. *Estrategias de transporte, procesamiento y consumo de guanacos en la costa sur de Tierra del Fuego (Argentina).*

14:30 hs. 231- Fernandez, P. *Holocene occupation of the Nothofagus-Austrocedrus Patagonian forest: insights from the zooarchaeological data.*

14:50 hs. 273- Messineo, P.; Rafuse, D.; Kaufmann, C.; Gutiérrez, M.; Martínez, G. *Subsistence strategies in Argentina during the Late Pleistocene and Early Holocene.*

15:10 hs. 348- Cardoza, C.; Angulo, E.; Isla, J. *Uso y consumo de animales durante el Arcaico y el Periodo Inicial en Pernil Alto, un sitio en la Costa Sur de Perú.*

15:30 hs. 490- Segura Gutierrez, L.; Alcalde Gonzales, J. *Entre lo urbano y lo aldeano, comparando los restos ictiológicos del Señorío de Chincha.*

15:50 hs. 470- Zorro-Luján, C.; Archila, S.; Langebaek, C. *Una aproximación a la dieta de los habitantes de Tibanica (Colombia) entre 920 y 1350 dC, con base en información zooarqueológica y arqueobotánica.*

16:10 hs. 423- de Queiroz, A.; Gomes, R. *Slaughtering and meat preparation: a cultural issue - zooarchaeology in Laranjeiras, Sergipe, Brazil.*

16:50 hs. 465- Lanza, M. *Aprovechamiento y uso diferencial de los animales en contextos urbanos y rurales en Buenos Aires durante el siglo XIX.*

17:10 hs. 000- Comentariistas.

Session 8 "DEVELOPMENT OF ANCIENT HORSE CULTURE IN EAST ASIA"; Organizer: Akira Matsui; Hiroki Kikuchi; Manabu Uetsuki. Sala Chañares A.

09:00 hs. 377- KIKUCHI, H.; Daiyun Liu. *Horse production and management system in Zhou Dynasty, China.*

09:20 hs. 507- Hun-suk Kim. *Research of horse by scientific method at Korea.*

09:40 hs. 536- Won-young Song; Hun-suk Kim; Chan-woo Jeung; Sim-jae yong. *Scientific survey of Daeseong-dong tomb No.88.*

10:00 hs. 413- Maruyama Masashi; Kikuchi Hiroki. *Early horse utilization in western Japan.*

10:20 hs. 421- Uetsuki Manabu; Tsumura Hiro'omi; Son Joonho; Tumurbaatar Tuvshinjargal; Jamsranjav Bayarsaikhan; Myagmar Erdene. *The origin and dispersal of horses in Japan revealed through molar shape analysis.*

11:10 hs. 526- Gakuhari, Takashi; Hanzawa Kei.; Kono, Tomohiro; Nakano, Takanori.; Yoneda, Minoru; Oota, Hiroki. *A Research perspective: Reconstruction of Horse Culture and Origins in East Asia Using Isotope and Ancient DNA Analysis.*

11:30 hs. 033- Can, Yumni; Nishimoto, Toyohiro; Hongo, Hitomi. *Pathology and impact of humans on the Japanese ancient horse: Analysis of horse remains from the village of Muramatsu Shirane (Ibaraki Prefecture, Japan).*

11:50 hs. 315- Matsui, Akira. *The use of horse brain for tanning of deer skin.*

Session 27 "FAUNA, SUBSISTENCE AND CULTURAL DYNAMICS OF SOUTH ASIAN ARCHAEOLOGY: ANCIENT BONES AND NEW DATA IN 21ST CENTURY"; Organizers: Vijay Sathe; Aarti Deshpande-Mukherjee and Prateek Chakraborty. Sala Chañares B.

09:00 hs. 212- Deshpande-Mukherjee, A. *View from within the pits: faunal assemblage from the Hakra ware cultural period at the Harappan settlement of Bhirrana, district Haryana, India.*

09:20 hs. 260- Goyal Pankaj; Joglekar Pramod. *Evidence for Secondary Product Exploitation of Cattle at Kanmer, A Harappan Site in Gujarat.*

09:40 hs. 259- Sharada, C.; Joglekar Pramod. *Estimation of size and stature of domestic animals at Harappan sites in Haryana, India.*

10:00 hs. 427- Chattopadhyaya, Umesh C. *From Zooarchaeology to Symbolic Archaeology of Human Existential Situation.*

10:20 hs. 501- Chakraborty, P. *Environmental Stress In The Bones Of Domestic Animals: A Fresh Look Into The Processes Of Domestication And Exploitation.*

11:10 hs. 323- Sathe, V. *Equine Taxonomy in Indus Valley Civilisation: Controversies and Solutions.*

11:30 hs. 325- Sathe, Vijay; Chakraborty Prateek. *Microvertebrate taphonomy in the pellets of Tyto alba (Barn Owl).*

11:50 hs. 410- Jain Sharma, N. *The Spirit of the Bones: Interpretive Archaeology in the light of Archetypal dimensions of Animals.*

12:10 hs. 411- Dasgupta, M. *Extinction: An Eternal Conundrum.*

12:30 hs. 173- Frere, S.; Zeitoun, V.; Forestier, H. *Late paleolithic south east Asia, animals hunting and collecting.*

12:50 hs. 13:10 hs. **POSTER**

446- Kalwankar Chandrakant; Chakraborty Supriyo; Sathe Vijay. *Stable Isotopes and Bovine Taxonomy.*

511- Kour, N. *Fresh perspectives on the presence of dog in Indian Archaeology.*

Session 5 "MULTI-DISCIPLINARY ZOOARCHAEOLOGICAL CONTRIBUTIONS TO ENVIRONMENTAL AND ECOLOGICAL RESEARCH"; Organizers: Deanna N. Grimstead and Kathryn A. Mohlenhoff. Sala Coirones A.

09:00 hs. 429- Carpenter, K.; Carpenter, T.; Meyer, J. *Animal exploitation and landscape evolution in the lower Sacramento river basin of central California.*

09:20 hs. 432- Broughton, J.; Beck, R.; Coltrain, J.; O' Rourke, D.; Rogers, A. *A late Holocene population bottleneck in California tule elk (*Cervus elaphus nannodes*): provisional support from ancient DNA.*

09:40 hs. 468- Rodrigues, A. Hodgetts, L.; Yang, D. *An Archaeogenetic Investigation of Human-Environment Interactions in the Western Canadian Arctic.*

10:00 hs. 473- Miotti, L.; Marchionni, L. *Qué sucedió cuando se extinguío la megafauna pleistocénica?*

10:20 hs. 493- Ugan, A; Rosenthal, J. *Freshwater molluscs and their implications for late Pleistocene and early Holocene human occupation of China Lake basin, western Mojave desert, U.S.A.*

11:10 hs. 494- Bayham, F.; Bayham, J. *Large game and intertribal boundaries: How the costs of competition effect the formation of buffer zones.*

11:30 hs. 495- Edwards, G.; Broughton, J.; Codding, B.; Hart, I. *Holocene ENSO variation affects woodrat (*Neotoma spp.*) body-size and species-composition in northern Baja California.*

11:50 hs. 496- Hart, I. *El Niño events affect lagomorph populations in Abrigo de los Escorpiones, a Holocene archaeological and paleontological site in northern Baja California, Mexico.*

12:10 hs. 497- Cannon, M.; Benson, L. *Fremont (Utah, U.S.A.) agriculture as niche construction: a test using zooarchaeological, GIS, and archaeological data.*

12:30 hs. 498- Mohlenhoff, K.; Butler, V. *Tracking fish (and human) response to abrupt environmental change using fish archaeofauna from a large native american village on the coast of Washington State, U.S.A.*

14:30 hs. 499- Grimstead, D; Hudson, A.; Betancourt, J.; Akins, N. *Low $^{87}\text{Sr}/^{86}\text{Sr}$ variance in turkey remains reveal domestication at Chaco Canyon.*

14:50 hs. 510- Tessone, A. ; De Nigris, M.; Fernández, P. *Modern and Holocene ^{13}C and ^{15}N of huemul (*Hippocamelus bisulcus*) during the Holocene in Perito Moreno National Park, Santa Cruz, Argentina. Implications to species biogeography and hunter-gatherer faunal exploitation.*

Session 11 "CHICKENS AND PEOPLE: NEW PERSPECTIVES"; Organizers: Garry Marvin; Richard Thomas; Mark Maltby and Naomi Sykes. Sala Coirones B.

- 09:00 hs. 245- Ikeya, K. *The Taming Process of Red Junglefowl in Southeast Asia.*
- 09:20 hs. 131- Best, J. *A Matter of Lay and Death: Examining medullary bone in past and present chickens.*
- 09:40 hs. 170- Moreno-García, M.; Pimenta, C. *What Archaeozoology can learn from the last traditionally caponised fowl in Western Europe: ethnographic records from the Iberian Peninsula.*
- 10:00 hs. 584- Lebrasseur, O.; Girdland-Flink, L.; Larson, G. *The search for domestication genes in chickens.*
- 10:20 hs. 414- Herrera, M.; Thomson, V.; Gongora, J.; Piper, P.; Cooper, A.; Austin, J. *Insular Southeast Asian Origin for Lapita chickens indicated by mitochondrial DNA.*
- 11:10 hs. 530- Thomson, V.; Lebrasseur, O.; Austin, J.; Hunt, T.; Burney, D.; Denham, T.; Rawlence, N.; Wood, J.; Gongora, J.; Girdland Flink, L.; Linderholm, A.; Dobney, K.; Larson, G.; Cooper, A. *Using ancient DNA to study the origins and dispersal of ancestral Polynesian chickens across the Pacific.*
- 11:30 hs. 193- Masaki, Eda; KIKUCHI Hiroki; LU Peng; Li Zhipeng; DENG Hui; LI Fan; YUAN Jing. *Evaluation of chicken bones from the Neolithic and early Bronze Age of China.*
- 11:50 hs. 484- Redding, R. *The Chicken and the Pig: Human Decision Making in the Middle East.*
- 12:10 hs. 105- Fothergill, T.; Sterry, M. *Pouliography and "Poultrymen" in North Africa.*
- 12:30 hs. 070- Seigle, M.; Argant, T. *Gallus in Galliae. The Presence and Importance of Chickens in Pre-Roman Gaul.*
- 14:30 hs. 019- Thomas, R.; Morris, J.; Holmes, M. *Chicken breeding and health: the case of Roman-early medieval London, UK.*
- 14:50 hs. 417- Piskin, E. *Chickens in the Late Byzantine Empire.*
- 15:10 hs. 524- Poole, K. *Friend or food? A reanalysis of chickens in human graves using stable isotope analyses.*
- 15:30 hs. 077- Serjeantson, D. *The delayed spread of the chicken into the western and northern seaboard of Europe, or why chickens didn't go north.*
- 15:50 hs. 048- Grau Sologestoa, I. *A chicken in every pot: the economic and social role of domestic fowl in Spain during the Middle Ages.*
- 16:10 hs. 299- Corbino Chiara Assunta; Minniti C. *Chicken husbandry in the Middle Ages: evidence from central Italy.*
- 16:50 hs. 224- Gordon, R. *Evidence for selective breeding in poultry: a case study of 'creeper' chickens (*Gallus gallus*) in 16th- century Chester, England.*
- 17:10 hs. 528- Sasson, S.; Arter, S. *The First Chicken Burrito in Western North America: A Zooarchaeological Study of Avian Remains from the San Diego Presidio.*

Session 3A "FOOD PROVISIONING IN COMPLEX SOCIETIES: OLD WORLD. Organizers: Levent Atici and Benjamin Arbuckl. Sala Coirones C.

- 09:00 hs. 035- Owlett, T. *Pastoral Production from an Early Urban Center: Preliminary Zooarchaeological Evidence from Shimao China.*
- 09:20 hs. 485- Redding, R. *Modeling the Economic Infrastructure of Pyramid Construction.*
- 09:40 hs. 086- Badenhorst, S. *Livestock usage during the Iron Age of Southern Africa.*
- 10:00 hs. 330- Price, M. *Pig Management and Complex Society in Northern Mesopotamia.*
- 10:20 hs. 250- Itahashi, Y.; Yoshito CHIKARAISHI; Naohiko OHKOUCHI; Minoru YONEDA. *Compound-specific isotope analysis of amino acids for elucidating human diet and animal utilizations in early and late Neolithic sites in the Near East.*
- 11:10 hs. 461- Kerres, V. *"The times are a' changin'" - Shifts in animal exploitation strategies and meat provisioning at the late Byzantine and early Islamic Market Places of Jerash, Jordan.*
- 11:30 hs. 390- Arbuckle, B.; Öztan, A. *Exploring multiple modes of urban animal use at Bronze Age Acemhöyük, Turkey.*
- 11:50 hs. 347- Atici, L. *Rethinking Food Provisioning in a Middle Bronze Age Urban Center: Animal Bones vs. Cuneiform Tablets.*
- 12:10 hs. 444- Meier, J.; Price, Gypsy C.; Shelton, K. *Animals Beyond the Cyclopian Walls: Integrating faunal and isotopic analysis at Late Helladic IIIA2 Petsas House.*
- 12:30 hs. 440- Dibble, W. *Urban Butchery Patterns from the Athenian Agora and Azoria in Greece.*
- 14:30 hs. 305- Bejenaru Luminița; Danu Mihaela; Bodi George; Stanc Simina. *Food provisioning in the Chalcolithic society of the Cucuteni culture: integrative study concerning the tell of Poduri-Dealul Ghindaru (Bacău County, Romania).*

- 14:50 hs. 190- Kivikero, H. *The production and consumption of meat in the Bailiffs Castles of Raseborg and Kastelholm.*
- 15:10 hs. 094- Orton, D.; Morris, J.; Barrett, J. *Understanding the development of long-range provisioning networks in medieval Europe through meta-analysis of fish bones from urban contexts – an English case study.*
- 15:30 hs. 106- Stalibrass, S. *Demand, production and supply: What happens when a rural population has to support a large number of non-agricultural workers?*
- 15:50 hs. 041- Trusler, K. *Evaluating Socioeconomic Status in the Roman World Using Meat Utility Indices.*
- 16:10 hs. 261- Beglane, F. *The fat of the land: meat and milk products in medieval Ireland.*
- 16:50 hs.-17:10 **POSTER.**
- 452- Blanco, À.; Novella-Dalmau, V.; Sañà, M. *Meat acquisition and production at the Montsoriu Castle (XVIth CE, Iberian peninsula) as a mean to analyse prestige and social differences in the beginnings of Modern Era.*

Session 33 "TRADE AND MIGRATION: THE ZOOARCHAEOLOGY OF CONTACT AND MOVEMENT"; Organizers: Richard Madgwick and Sarah Viner-Daniels. Sala Coirones D.

- 09:00 hs. 213- Rannamäe, E.; Löugas, L.; Saarma, U. *Chronological changes in the variation of ancient sheep mtDNA lineages in Estonia.*
- 09:20 hs. 215- Dobney, K.; Hulme-Beaman, A.; Trinks, A.; Larson, G.; Cucchi, T. *Racing with rats and lounging with lizards: Tracking Oceanic human migration using rats and geckos.*
- 09:40 hs. 228- Mhig Fhionnghaile, R.; Beglane, F.; Nanova, O. *Population diversity in cattle as a result of exchange and migration: A case study from Ireland.*
- 10:00 hs. 221- Guiry, E., J.; Beglane, F.; Richards, M. *Irish Meat Trade and Animal Husbandry: A Stable Isotope Baseline for Assessing the Origins of Exported Irish Meats.*
- 10:20 hs. 398- Pilaar Birch, S. *The oxygen isotope ecology of animal migration in prehistory.*
- 11:10 hs. 506- Madgwick, R.; Lamb, A.; Evans, J. *Pig feasting and connectivity in late Neolithic Britain.*
- 11:30 hs. 420- Valenzuela-Lamas, S.; Minniti, C.; Evans, J.; Albarella, U. *Meat supply, trade and economic system: some insights from Iron Age and Roman Owslebury (Hampshire, UK) integrating zooarchaeology and stable isotopes from cattle teeth.*
- 11:50 hs. 376- Harrison, R.; Ascough, P.; Sayle, K. *Combining Zooarchaeological and Isotopic Analyses in the Research on the Nature of Domestic and International Exchange in Medieval Iceland.*
- 12:10 hs. 428- Hadden, C. *Geochemical Sourcing of White-tailed Deer (*Odocoileus virginianus*) as Evidence of Human Mobility on the Northern Gulf of Mexico, USA.*
- 12:30 hs. 095- Sanford, J. *Translocation, Colonisation and the Greek Domesticate Biometry of Magna Graecia and Dalmatia.*
- 14:30 hs. 529- Patel, A.; Meadow, R. *From South Asia to East Asia: *Bubalus bubalis* and *Bos indicus* as proxies for human interaction.*
- 14:50 hs. 194- Eda, M.; Sakai, M.; Orefici, G. *Translocation and ceremonial practices of the Nasca culture based on "standard" analysis of bird remains from the temples of Cahuachi, Nasca (4th–5th century AD).*
- 15:10 hs. 364- Manzano, B.; Laracuente, T.; Laracuente, N. *The First Archaeological Find of Guinea Pig in North America.*
- 15:30 hs. 522- Braulinska, K. *Dogs Import into Pharaonic Egypt.*

Session 12 "ZOOARCHAEOLOGY IN OCEANIA"; Organizers: Pam J. Crabtree and Kelila Jaffe. Sala Auditorio A.

- 09:00 hs. 225- Hawkins, S. *Anthropogenic impacts on fruit bat populations during the Lapita expansion and implications for human settlement patterns in central Vanuatu 3100-2500 BP.*
- 09:20 hs. 028- Lambrides, A.; Weisler, M. *Investigating prehistoric fishing practices and resource sustainability over two millennia on the remote Ebon Atoll, Southern Marshall Islands, Micronesia.*
- 09:40 hs. 534- Harris, M.; Weisler, M. *Marginal environments and intertidal resources: 2000 years of mollusc exploitation on Ebon Atoll, Marshall Islands.*
- 10:00 hs. 236- Littleton, J.; Allen, M.; McFarlane, G. *A multi-species approach to human-animal interactions: a Marquesan (Polynesia) case study of dental pathologies.*
- 10:20 hs. 404- Esh, K.; Mulrooney, M. *The Barren Shore: A new analysis of the South Point faunal remains.*
- 11:10 hs. 456- Filimoehala, D.; Filimoehala, C.; Addison, D. *Examining Resource Depression in Fakaofo, Tokelau*

11:30 hs. 191- Linderholm, A.; Spencer, D.; Leonard, J.; Dobney, K.; Larson, G. *Using MC1R to determine possible Polynesian ancestry of the Feral Pigs on Hawaii.*

11:50 hs. 113- Campbell, M. *Body part representation in New Zealand fishbone assemblages.*

12:10 hs. 184- Greig, K. *It's a dogs life: Archaeology, ancient DNA and dogs in Aotearoa New Zealand.*

12:30 hs. 454- Filimoehala, C.; Herdrich, D.; Filimoehala, D. *Life on Swains Island: Examining Local Marine Resource Exploitation of An Historic Plantation Village.*

14:30 hs. 476- Jaffe, K. *The representation of fauna in oceanic collections: Penn Museum.*

14:50 hs. 583- Morrison, A.; Allen, M. *Investigating the Effects of Climate Variability on Long-Term Predator/Prey Dynamics in the Aitutaki, Cook Island Marine Ecosystem: An Agent Based Model Example.*

15:10 hs. 556- Jones, S. *Social identity in Fiji: relating foodways and long-term ceramic patterns.*

Session 40 "RECENT APPLICATIONS OF DIGITAL TECHNOLOGY IN ARCHAEOZOOLOGY"; Organizers: Iain McKechnie and Sarah Witcher Kansa. Sala Auditorio B.

16:50 hs.-18:50 hs. **POSTER**

200- Moreno-García, M.; Pimenta, C. *Measuring the small: a digital proposal to improve the osteometrical study of Passeriformes.*

244- Manzano, B.; Means, B.; Zechini, M.; Begley, C. *Digital Scanned 3-D Reproduced Elements of Extinct Species; The Future Examines the Past.*

255- Macheridis, S. *Digital photogrammetry and image-based modeling as documentation method of zooarchaeological remains in refuse contexts.*

320- Boschin, F.; Bernardini, F.; Zanolli, C.; Princivalle, F.; Tuniz, C. *A look from the inside: MicroCT analysis of burned bones.*

321- Zanolli, C.; Boschin, F.; Bernardini, F.; Corny, J.; Tuniz, C. *A new method to discriminate between wolf and dog remains in zooarchaeological studies.*

327- Moretti, E.; Arrighi, S.; Boschin, F.; Crezzini, J.; Ronchitelli, A. *How are the cut marks produced? A microscopic analysis of striations inflicted on bone surface using different stone tools.*

362- Urquiza, S.; Estévez Escalera, J. *Atlas digital osteológico de camélidos sudamericanos.*

381- Pilaar Birch, S. *Demographics in Zooarchaeology.*

437- Dibble, W. *21st Century Tools for Zooarchaeological Data Entry: Touch Screens, Speech Recognition, Barcodes, and GIS.*

447- Cornaglia Fernández, J. *Zooarchaeology of the Santa Fe's Pampa Lagoons (Argentine): SIG application to the intersite spatial analysis.*

Session 35 "ZOOARCHAEOLOGY OF PASTORALISM" Organizers: Lee G. Broderick and Robin Bendre; Sala Chañares A.

14:30 hs. 400- Gifford-Gonzalez, D. *"Animal Disease Challenges" Fifteen Years On.*

14:50 hs. 367- Janzen, A.; Balasse, M. *Early Herd Management Strategies in Kenya.*

15:10 hs. 502- Mooketsi, C. *On Hunter-Gatherers becoming Herders in eastern Botswana: A case of Thune River Catchment area in the greater Shashe-Limpopo.*

15:30 hs. 087- Veldman, A.; Badenhorst, S.; Lombard, M. *Hunters or Herders? The Fauna from Stone Circles in Namibia.*

15:50 hs. 477- García, L.; Higa, P. *Pastoralism through time in Jujuy.*

16:10 hs. 307- Maryański, J.; Tessone, A.; Nielsen, A. *Pastoral mobility in the south Andes: an approach through stable isotope analysis.*

16:50 hs. 203- Hadjikoumis, A. *The life of recent Cypriot sheep/goat pastoralists: scale, mobility and other aspects of archaeological relevance.*

17:10 hs. 165- Frémondeau, D.; De Cupere, B.; Ughetto-Monfrin, J.; Balasse, M.; Van Neer, W. *Caprines and cattle herd management at Sagalassos (SW Turkey) during the Early Byzantine period inferred from sequential stable isotope analyses ($\delta^{18}\text{O}$, $\delta^{13}\text{C}$) in teeth.*

17:30 hs. 057- Taylor, W.; Tuvshinjargal, J.; Bayarsaikhan, J. *Horseback Riding and Equine Cranial Morphology in the Mongolian Bronze Age.*

17:50 hs. 459- Lyublyanovics, K. *The socio-economic integration of Cumans in medieval Hungary.*

18:10 hs.- 18:45 hs. **POSTER**

313- Amiri, S.; Mashkour, M.; Mohaseb, F.; Tengberg, M.; Abdollahi, M.; Sardari Zarchi, A. *Subsistence economy of Qela Gap (Luristan) from the Late Neolithic to the Iron Age. An account of the archaeozoological studies.*

568- Sheikhi, S.; Mashkour, M. *Evolution of pastoralism in South-West of Iran from the 6th to 3rd millennium BC.*

Session General 41A "METHODOLOGICAL ADVANCE IN ZOOARCHAEOLOGY" Chair: Luciano Valenzuela. Sala Chañares B.

14:30 hs. 616- Yang, Dongya. *Integration of Ancient DNA and Archaeology: Mentality and Strategies for Research and Training.*

14:50 hs. 602- Valenzuela, L. *Water Isoscapes as a tool for the assessment of region-of-origin and animal movements.*

15:10 hs. 641- Garcia, J.; Oyuela-Caycedo, A.; Rojas, A. *Holocene Paleoclimate Reconstruction from $\delta^{18}\text{O}$ Isotopes of Neocycloctus Opercula a Morphometric Analysis of Variation at the Archaic Site of San Jacinto1 Colombia.*

15:30 hs. 621- Metcalf, J.; Barnett, R.; Martin, F.; Sarah Bray; Julia T. Vilstrup; Ludovic Orlando; Rodolfo Salas-Gismondi; Loponte, D.; Medina, M.; De Nigris, M.; Civalero, T.; Fernández, P.; Gasco, A.; Durán, V.; Otaola, C.; Gil, A.; Paunero, R.; Prevosti, F.; Bradshaw, C.; Wheeler, J.; Borrero, L.; Austin, J.; Cooper, A. *Simultaneous Late Pleistocene megafauna extinctions in southern Patagonia.*

15:50 hs. 570- Borella, F.; Vales, D.; Grandi, M.; García, N.; Crespo, E. *Diagnostic morphological traits in post- cranial skeleton for the identification of Otariids in the zooarchaeological record.*

16:00 hs. 559- Bartosiewicz, L. *The Animal Within: the archaeozoology of perception.*

Session General 41A Poster "TAPHONOMY, PALEOENVIRONMENT, AND TAXONOMY IN ZOOARCHAEOLOGY I". Sala Auditorio B.

14:30 hs.-16:30 hs. **POSTER**

576- San Román, M.; Christensen, M.; Legoupil, D.; Sierpe, V.; Martin, F.; Morello, F. *Guanacos onboard: camelid transport and processing by marine hunters in Patagonia, Chile.*

574- Lubinski, P.; Hale, T. *Identifying and Siding the Stylohyoid for Artiodactyls of the USA.*

635- James, S. *Using bone to dig copper: analysis of tools from the Great Orme Mines, North Wales.*

571-Kovačíková, L. *Animals and their role in the Early Medieval site at Roztoky (Czech Republic).*

587-Hudson, J. *Peruvian Coastal Prehistory and Ecology at Four Sites: K4, Villa del Mar, Gramalote, and Cerro la Virgen.*

351- Mendoza España, V.; Lahor, M.; Vera, D.; Aramayo, A.; Cruz, M.; Capriles, J. *Laboratorio de Zooarqueología de la Universidad Mayor de San Andrés: Un Soporte a la Investigación Zooarqueológica en Bolivia.*

551- Stanc, M.; Bejenaru, L. *Animal resources exploitation during the Early Iron Age in the space between Danube and the Black Sea.*

550- Homko, M. *Livestock variability and Neolithic migrations: a case study from the Orkney Islands*

630- Mac-Lean, R. *Pelecanus thagus: El Pelícano en la Prehistoria del Norte de Chile.*

629- Burke, A.; Kaplan, J.; Latombe, G. *Modelling the predicted distribution of prey species during the Last Glacial Maximum in Iberia: a case study.*

623- Lau, H.; Kansa, S. *Cooperation and Feasting at Halaf Domuztepe: Assessing Emergent Political Complexity Through Faunal Remains.*

611- Studer, J. *Animal trade at Madâ'in Sâlih / Hegra (Saudi Arabia): marine fish and molluscs, but also domestic mammals?*

600- Messersmith, M.; Sinelli, P. *Plenty of Fish in the Sea: Using GIS to Determine Marine Habitat Exploitation on Great Inagua, Bahamas.*

585- Aono, T.; Date, M.; Oshima, N.; Nakamura, K.; Dodo, Y.; Wakebe, T. *On the Long-Distance Spread of Cone-Shell Bangles across the Japanese Archipelago.*

562- Needs-Howarth, S.; Hawkins, A. *Iroquoian deer tending revisited: An exercise in taphonomy.*

368- Davoudi, Hossein; Mashkour, Marjan; Mohaseb, Azadeh. *Animal resource exploitation and management at Tepe Hasanlu (North-West Iran) from Early Bronze Age to the Islamic (Ilkhanid) period.*

542- Lanoe, F.; Zedeno, M.; Ballanger, J.; Pailes, M.; Bethke, B.; Martin, W. *Late Prehistoric Hunting and Fishing at the Saint Mary Bridge Site, Montana, US.*

230- López, M.; Chiavazza, H.; Rosi, M. *The small mammals record in Rincón de los Helados (Mendoza, Argentina) and their paleoenvironmental implications.*

396- Mange, E.; Fernández, F.; Cordero, A.; Teta, P.; Pardiñas, U.; Crivelli Montero, E. *Taphonomy and Late Holocene paleoenvironments from Epullán Chica's zooarchaeological record (North-western Patagonia, Argentina).*

642- Rufolo, S.*Social Complexity along the Margins of the State in Upper Mesopotamia.*

PLENARY CONFERENCE. Sala Auditorio A.

18:45 hs. MARÍA A. GUTIÉRREZ "THERE ARE ALWAYS SOMETHING TO LEARN. CHALLENGES AND CONTRIBUTIONS OF AN ACTUALISTIC TAPHONOMIC RESEARCH PROGRAM IN A HIGHLY HUMAN-IMPACTED ENVIRONMENT: THE PAMPAS OF ARGENTINA AS A CASE STUDY"

WEDNESDAY, September, 24th

Session 6 "MOLLUSCS AS A RECORD OF HUMAN-ENVIRONMENT RELATIONSHIPS: ENVIRONMENTAL RECONSTRUCTIONS, IMPACTS, AND MANAGEMENT"; Organizers: Christina M. Giovas, Zhanna Antipushina and Catherine F. West. *Sala Retamo*.

09:00 hs. 016- Warren, R. E. *Multivariate Ordination of Freshwater Mussel Faunas in the Illinois River Basin, Illinois: Cultural and Environmental Correlates.*

09:20 hs. 018- Jerardino, A.; Greenacre, M. *Variability in Holocene shellfish assemblages from the West Coast of South Africa as revealed by multivariate analyses: dynamics of shoreline ecology, subsistence and settlement decisions, and biogeographic gradients.*

09:40 hs. 211- Deshpande-Mukherjee, A. *Application of Archaeomalacological data in the reconstruction of coastal environment around Harappan settlements in Gujarat.*

10:00 hs. 025- Whitaker, Adrian R.; Byrd, B. *Archaeological Data for Modern Conservation—Holocene Population Dynamics of Red Abalone (*Haliotis rufescens*) and Black Abalone (*Haliotis cracherodii*) in California, USA.*

10:20hs. 031- Giovas, Ch. *Sustainable Use and Resource Resilience: A Millennium of Pre-Columbian Mollusc Exploitation on Carriacou, Grenada, AD 400-1400.*

11:10 hs. 091- Conrad, C. *Contamination and Shifting Biogeography of Native Pacific Oysters (*Ostrea lurida*) During California's Gold Rush: Analytical Testing Utilizing Portable-X-ray Fluorescence.*

11:30 hs. 160- Hausmann, N.; Laurie, E. *Shellfish Ecology on the Farasan Islands, Red Sea.*

11:50 hs. 021- Mannino, Marcello A.; Bosch Marjolein D.; Prendergast Amy; O'Connell, Tamsin C.; Demarchi, B.; Wesselingh, F. *Advances in the archaeological study of marine mollusc assemblages: an interdisciplinary investigation on the Upper Palaeolithic shells from Ksâr'Akkil (Lebanon).*

12:10 hs. 040- Mannino, M.; Bosch, M.; Prendergast, A.; O'Connell, T.; Demarchi, B.; Wesselingh, F.; van der Plichtm, J.; Hublin, J-J. *Abrupt Climate Change in the Aleutian Islands, Alaska.*

12:30 hs. 092- Yanes, Y.; Izeta, A.; Cattaneo, R.; Costa, T.; Gordillo, S. *Holocene paleoenvironmental (~4.5-1.7 cal. kyr BP) conditions in central Argentina inferred from entire-shell and intra-shell stable isotope composition of land snails.*

14:30 hs. 022- Burchell, M. *Archaeological Implications of Scale and Resolution for the Stable Isotope Analysis of Shells: A Case Study from British Columbia, Canada.*

14:50 hs. 023- Klokler, D. *Coastal landscapes as built environments: studies of Brazilian shell mounds.*

15:10 hs. 075- Hoffman, E.; Fanning, P.; Holdaway, S.; Shiner, J.; Petchey, F. *Interpreting shell mounds from Weipa, far north Queensland, Australia: a geoarchaeological approach.*

15:30hs.-16:30 - POSTER

013- Hamdeen, Hamad Mohamed. *The Role of Molluscs in The Ancient Sudan.*

020- Antipushina, Z; Chevel, K.; Kosyan, A.; Leonova, E.; Tiunov, A. *Stable isotope analysis of shell organic matrix: some examples of application for palaeoenvironmental reconstructions.*

024- Le Goff, L.; Dupont, C. *Marine invertebrates and monastic establishments along the French Atlantic coast during the Middle Ages.*

026- Souza, R.; Marques Jr, A.; Macario, K.; Aguilera, O.; Alves, L.; Silva, E. *Mollusks from Sambaqui da Tarioba indicates thermal anomalies occurring at southeast brazilian coast during later Holocene.*

061- Song Yanbo; Jin Guiyun. *Shellfish measurements and seasonality based on growth-line and isotope data from Jiaodong Peninsula midden site.*

Session 7 "RECENT ADVANCES IN UNDERSTANDING PAST TURKEY HUSBANDRY AND USE"; Organizers: Erin Kennedy Thornton and Kitty Emery. *Sala Chañares A.*

09:00 hs. 360- Corona-M., E. *Summary of turkey records in Mesoamerica.*

09:20 hs. 552- Lapham, H.; Feinman, G.; Nicholas, L. *Turkey Raising and Use at the Mitla Fortress, Oaxaca, Mexico.*

09:40 hs. 116- Reitz, E.; Speller, C. *A Puzzling 16th-century Turkey from Puerto Real, Hispaniola.*

10:00 hs. 296- Kunst,G.; Kühtreiber, T. *The turkey: a well adopted food item in Early Modern Age Vienna.*

10:20 hs. 279- Speller, C.; Corona-M., E; Richards, M; Mundee, M.; Götz, C; Valadez, R. *Mesoamerican turkey exploitation: insights from biomolecular analysis.*

11:10 hs. 151- Thornton, E.; Emery, K. *Ancient Maya Turkey Husbandry: Testing Theories through Stable Isotope Analysis.*

11:30 hs. 090- Jones, E.; Conrad, C. *Domestication, Climate and Turkey Diet at Tijeras Pueblo, New Mexico, U.S.A.: Carbon Isotopic Fractionation of Bone Collagen and Carbonate.*

11:50 hs. 037- Fothergill, T. *Reconstructing animal husbandry: Pathologies in Meleagris gallopavo (Domestic Turkey) in the American Southwest (c. AD 900-1678).*

12:10 hs. 210- Manin, A.; Cornette, R.; Abourachid, A.; Lefèvre, C. *Traditional morphometry and geometric morphometric in the study of the Mesoamerican turkey : methods and preliminary results.*

12:30 hs. 235- Emery, K.; Thornton, E.; Cunningham-Smith, P.; Duffy, L.; McIntosh, B.; Sharpe, A. *Testing osteometric and morphological methods for turkey species determination in Maya assemblages.*

14:30 hs. 555- Thornton, E.; Emery, K. *Hands-On Demonstration of Metric and Morphological Characters for Turkey Identification.*

Session39 “THE SPREAD OF HERDING ACROSS ASIA”; Organizers: Jing Yuan, Zhipeng Li, Katherine Brunson, Peng Lu and Jean-Denis Vigne. *Sala Chañares B.*

09:00 hs. 306- WU Xiaohong. *Isotopic evidence for pig husbandry during Early Neolithic Age in ancient China.*

09:20 hs. 286- VIGNE Jean-Denis; BRUNET Frédérique; DEBUE Karyne; KHUDZHANAZAROV Muhiddin. *Early domestic ungulates in Central Asia: archaeozoological results from Ajakagytmä (Uzbekistan, Kel'teminar, 7th-5th millennia cal BC).*

09:40 hs. 196- LU Peng; Jing, YUAN; Zhipeng, Li. *Re-research on the origins of domestic cattle in China.*

10:00 hs. 067- YU Chong; YUAN Jing; VIGNE Jean-Denis; DOBNEY Keith. *The Origin of Taurine Cattle in Neolithic and Early Bronze Age China.*

10:20 hs. 083- CAI Dawei; Sun Yang; Tang Zhuowei; Hu Songmei; Li Wenying; Zhou Hui. *The origins of Chinese domestic cattle as revealed by Ancient DNA analysis.*

11:10 hs. 189- YANG Yimin. *Milking spread in China.*

11:30 hs. 206- ZHAO Chunyan; IV peng; Yuanjing; Yemaolin. *The use of strontium isotope analysis in the enamel from the archaeological fauna to investigate past feeding practices at the Lajia site.*

11:50 hs. 119- LI Zhipeng; Katherine Brunson; Lingling Dai. *The Zooarchaeological Study of Wool Exploitation from the Neolithic Age to the Early Bronze Age in the Heartland of China.*

12:10 hs. 134- Brunson, K. *Sheep and Cattle Exploitation at the Longshan sites of Taosi and Zhoujiazhuang.*

12:30 hs. 251- DAI, Lingling; Li, Zhipeng; Zhao, Chunqing; Hu, Yaowu. *Zooarchaeological Analysis of Faunal Remains from Xinzhai*

14:30 hs. 187- HU Yaowu. *The contribution of sheep to human society in central China from isotopic perspective.*

14:50 hs. 129- CHEN Xianglong; Guo Xiaoning; Hu Yaowu; Hu Songmei; Wang Weilin; Wang Changsui. *Farming vs. Herding: subsistent strategy during the late Neolithic evidenced by stable carbon and nitrogen isotopes in Shengedaliang, North Shaanxi, China.*

15:10 hs. 138- LIU, Yuyang; Yuan, Jing; Li, Zhipeng; Lv, Peng; Zhang, Xuelian. *Zooarchaeological Study of the Domesticated Horse in China.*

15:30 hs. 101- ZHAO Xin; Rodrigues Antonia; Cai Dawei; Zhou Hui; Yuan Jing; Yang Dongya. *Ancient DNA Studies of Early Domesticated Horses in China*

15:50 hs. 248- HAN Lu; Cai Dawei; Ning Chao; Chen Quanjia; Hu Songmei; Zhou Hui. *Ancient DNA provides new insights into the origin and domestic history of Chinese donkeys.*

16:10 hs. 636- HU Songmei; LiLiu; Shengping Yin; Xingchan Chen. *Buffalo remains unearthed in Shaanxi, China in recent years and the evolution of China's domestic buffalo.*

16:50 hs. 188- YOU Yue; Wang Jianxin; Zhao Xin; Chen Xianglong; Ma Jian; Yuan Jing. *A zooarchaeological research on bactrian camel bones in the Shirengizou site, Xinjiang, China.*

17:10 hs. 229- DENG, Hui; Yuan, Jing; Wang, Chang-Sui; Gong, Guo-Qiang. *Meat Consumption Patterns of the Royal Family of the Tang Dynasty New evidence from the Taiye Lake Site of Daming Palace.*

Session 18 “STORIES WRITTEN IN TEETH: NEW ARCHAEOLOGICAL INSIGHTS FROM TOOTH RELATED STUDIES”; Organizers: Florent Rivals, Edgard Camarós and Carlos Sánchez-Hernández. *Sala Coirones A.*

09:00 hs. 042- Pérez-Crespo, V.; Arroyo-Cabralas, J.; Morales-Puente, P.; Cienfuegos-Alvarado, E.; Otero, J. *Isotopic information of meso and megamammals of Cedral, San Luis Potosí, México.*

09:20 hs. 079- Sánchez-Hernández, C.; Rivals, F.; Semprebon, G. *Detecting seasonality of Neanderthal occupations: why differences in tooth mesowear and microwear results lead to better dietary discrimination.*

- 09:40 hs. 379- Pilaar Birch, S. *Modern Datasets for Archaeologically-Linked Paleoclimate Reconstruction.*
- 10:00 hs. 288- Tornero, C.; Bălășescu, A.; Chataigner, C.; Gasparyan, B.; Gasparyan, B.; Balasse, M. *Testing the model of seasonal occupation at Kalavan 1 camp site (Epigravettian, Armenia) through direct investigation of mouflon mobility strategy using sequential isotope analysis in teeth.*
- 10:20 hs. 508- Valenzuela-Lamas, S.; Evans, J.; López, D.; Jornet, R.; Albarella, U. *Livestock mobility basing on Strontium and Oxygen isotope analysis on sheep teeth: a perspective about seasonal movements in Iron Age Catalonia (North-Eastern Spain).*
- 11:10 hs. 353- Mainland, I.; Ewens, V. *Toiling with teeth: an integrated dental analysis of sheep and cattle dentition in Iron Age and Viking-Late Norse Orkney.*
- 11:30 hs. 648- Woollett, J.; Dupont-Hébert, C. *The perspective of cementochronology on a resilient mixed subsistence economy: tracing climate change impacts on seal hunting and sheep herding at two farms in coastal northern Iceland circa. AD 1300-1477.*
- 11:50 hs. 406- Smiarowski, K.; Woollett, J. *Hunting, Seasonality, and Age of Death of Migratory and Local Marine Resources in Medieval Norse Greenland. Enamel Microstructure and Cementum Analysis of Harp, Hooded and Harbour Seal Canines.*
- 12:10 hs. 32- Miller, S.; Allen, M. *Oral Pathologies in the Southern Cook Islands: A Study of Diet and Health in Sus scrofa on prehistoric Aitutaki.*
- 14:30 a 16:30 hs. **POSTER**
- 154- Samec, C.; Arzamendia, Y.; Baldo, J.; Panarello, H.; Yacobaccio, H. *Intra-individual variation in carbon and nitrogen isotope composition from bone and dentin collagen from modern wild camelids in the Dry Puna of Argentina.*
- 198- Parmigiani V.; Gourichon L. *Preliminary analysis of teeth cementum of Lama guanicoe for the estimation of age and season at death: Studies of modern specimens and further archaeological applications.*
- 283- Camarós, E.; Müntzel, S.; Cueto, M.; Rivals, F.; Conard, N. *Hominid-Carnivore Paleolithic interaction written in teeth: Stories from the Swabian Jura (Germany).*
- 301- Worley, F.; Baker, P.; Popkin, P.; Hammon, A.; Payne, S. *The Sheep Project: recent results on dental maturation and attrition in unimproved Shetland sheep.*
- 462- Cueto, M.; Álvarez-Fernández, E.; Rivero, O.; Tapia, J.; Camarós, E. *When teeth were fashion. Tooth ornaments from the Late Palaeolithic in Cantabrian region and the Pyrenees.*
- 481- Weber, S.; Price, M. *Analysis of Pig Husbandry Intensification in Northern Mesopotamia through Plant Microfossils Trapped in Dental Calculus.*

Sesion 28 "SOUTH AMERICAN CAMELIDS: ZOOARCHEOLOGY OF CO-EVOLUTION"; Organizers: Katherine M. Moore and Guillermo Luis Mengoni G. Sala Coirones B.

- 09:00 hs. 099- Uzawa, K.; Takigami, M.; Oldñes, M.; Aleman, D.; Villanueva, J.; Seki, Y. *Early Domesticated Camelid Dispersal and Breeding at the Pacopampa site, Northern Highlands of Perú.*
- 09:20 hs. 302- Dufour, E.; Goepfert, N. *New insights into Andean camelid herding based on a multi-isotopic and diachronic approach.*
- 09:40 hs. 535- Goepfert, N. *Camelids and complex pre-Hispanic cultures: 4000 years of an anthropozoological relation in Northern Perú.*
- 10:00 hs. 295- Moore, K. *Hunting Vicuña and Guanaco at High Altitude in the Prehistory of the Central Andes.*
- 10:20 hs. 118- deFrance, S. *Camelids, Selection Practices, and Identity on the Tiwanaku Frontier.*
- 11:10 hs. 335- Cartajena, I.; López, P.; Santander, B.; Núñez, L.; Rivera, B. *The nature of discarding and ritual practices among complex hunters gatherers and early herders in the western slope of the Atacama Puna (ca. 5200-2300 years cal. B.P.).*
- 11:30 hs. 132- López, G. *Adaptación humana y procesos de cambio en el uso de los camélidos a lo largo del Holoceno, Puna de Salta, Argentina.*
- 11:50 hs. 285- Dantas, M.; Knudson, K. *Isótopos radiogénicos de estroncio y estrategias de cría y circulación de camélidos en el valle de Ambato (Catamarca, Argentina).*
- 12:10 hs. 152- Mercolli, P. *Estrategias pastoriles prehispánicas en la Quebrada de Humahuaca, Pcia. de Jujuy, Argentina.*
- 12:30 hs. 182- L'Heureux, G. L. *Lama guanicoe and humans: 12,000 years of coevolution. The morphological consequences of the interaction between guanacos and modern human populations in Patagonia.*
- 14:30 hs. 371- Mengoni Goñalons, G. *Fur trade and guanaco hunting In Patagonia during historic times.*
- 14:50 hs. – 15:10hs. **POSTER**

515-Gasco; A.; Cardillo, M. *Caracterización morfométrica de la categoría "guanaco andino" (Lama guanicoe) en el Centro-Oeste Argentino. Un estudio actual osteométrico como base para análisis zooarqueológicos.*

Session 4 "BONES IN SPACE: TAPHONOMY AND THE PRE- AND POST-DEPOSITIONAL MOVEMENT OF BONES"; Organizers: Lee G. Broderick and Richard Madgwick. Sala Coirones C.

09:00 hs. 088- Albarella, U. *Re-deposition and residuality of animal bones from archaeological sites: a plea for clarity.*

09:20 hs. 192- Pawłowska, k.; Shillito, L-M. *Midden taphonomy at Çatalhöyük: integrating zooarchaeological and micromorphological perspectives.*

09:40 hs. 355- Rainsford, C.; O'Connor, T. *Taphonomy and contextual zooarchaeology in urban deposits at York, U.K.*

10:00 hs. 579- Norman, L. *Constructing Zooarchaeological Life-Histories: An Arctic Case Study.*

10:20 hs. 097- Götz, C.; Herrera Flores, D.; García Paz, C.; Cárdenas Cervantes, J. *Biostratinomy and diagenesis of faunal remains in the Maya area: actualistic studies in taphonomy from the northern part of the Peninsula of Yucatán.*

11:10 hs. 431- López, P.; Cartajena, I.; Carabias, D.; Morales , C.; Letelir, D.; Flores, V. *Terrestrial and maritime taphonomy: differential effects on a late Pleistocene continental drowned faunal bone assemblage from the Pacific coast of Chile.*

11:30 hs. 208- Oría, J; Salemme, M.; Vázquez, M. *Site formation processes through surface bone assemblages in the fuegian steppe (Argentina).*

11:50 hs. 205- Parkinson, A.; Randolph-Quinney, P.; Steyn, M.; van der Walt, S.; Dirks, P. *The taphonomic and preservational impact of termites.*

12:10 hs. 354- Mainland, I.; Card, N.; Saunders, M. *Virtual taphonomy: spatial analysis of bone deposition and movement using 'SmartFauna', a 3-D laser scanning and GIS-based methodology for recovery and analysis of bone spreads.*

12:30 hs. 314- Crezzini, J.; Boschin, F.; Boscato, P.; Ricci, S.; Ronchitelli, A. *A Spotted Hyena den in the Middle Palaeolithic of Grotta Paglicci (Gargano promontory – Apulia – Southern Italy).*

14:30 hs. 358- Marchionni, L. *Estudios tafonómicos en Patagonia argentina. Los microambientes mesetarios como causa de variabilidad zooarqueológica.*

14:50 hs. 271- Álvarez, M.; González, M.; Scheifler, N.; Kaufmann, C.; Gutiérrez, M.; Massigoge, A.; Rafuse, D. *Patterns of bone accumulations and modifications by small carnivores in the Pampean region (Argentina): Integrating actualistic and archaeological information.*

15:10 hs. 284- Ballejo, F.; Fernandez, F.; Montalvo, C.; De Santis, L. *Taphonomy of mammals remains accumulated by New World vultures in Northwestern Patagonia: implications in archaeological sites formation.*

15:30 hs.-16:30 hs. POSTER

009- James, E. *Experimenting with B.O.N.E.S.: Quantitative analysis of bone surface modifications using a mechanical arm.*

195- Parkinson, A.; Dirks, P. *Neotechnlogy of insect bone interactions: differentiating termite and dermestid beetle modifications.*

408- Khazaeli Roya; Mashkour Marjan; Daujeard Camille; Biglari Fereidoun; Tsuneki Akira. *The taphonomical study on two faunal assemblages from Middle Paleolithic sites in Southern Zagros and central Iran: Qaleh Bozi (Esfahan) and Tang-e Shekan Cave (Fars).*

443- Labarca, R.; Massone, M. *Zooarchaeology and taphonomy of the site Tres Arroyos 1: the subsistence in the southernmost late Pleistocene settlement in the Americas.*

Session 17 "PIGS AND RITUAL"; Organizers: Fiona Beglane and Pam Crabtree. Sala Coirones D.

09:00 hs. 290- Worley, F. *A Fashion for Pork: Further Evidence for Pig Consumption Events in Late Neolithic Wiltshire.*

09:20 hs. 168- Silvestri, L.; Rolfo, M.; Salari, L. *Exploring the symbolic meaning of piglets in cult caves of Bronze Age central Italy.*

09:40 hs. 038- Minniti, C.; De Grossi Mazzorin, J.; Albarella, U. *The use of pigs in ritual offerings at Monte Papalucio, Oria (southern Italy).*

10:00 hs. 487- Lee, J.-J. *Domesticated pig in Korea: its socioeconomic and symbolic context.*

10:20 hs. 069- Argant, T. *From beef to pork. First mentions of «pork's feast » at the end of first Iron Age in Lyon (France). A precursor to the second Iron Age.*

11:10 hs. 267- Beglane, F. *Trotting off to the river: Votive deposition of pigs feet on the banks of the River Boyne, Ireland.*

11:30 hs. 102- Drew, C.; Rowley-Conwy, P. *An Iron Age pig feast from the Isle of Skye, Scotland.*

Session 36 "ZOOARCHAEOLOGY OF THE METAL AGES"; Organizers: Jane Sanford and Haskel Greenfield. Sala Auditorio A.

- 09:00 hs. 281- Moser, D.; Starkovich, B.; Çakırlar, C.; Riel, S. *Impact of Climatic Changes on Agricultural Societies in Aegean Turkey*.
- 09:20 hs. 169- Lougas, L. *Zooarchaeological evidence of the Bronze Age communities of seal hunters, farming- and craftspeople of the Baltic Sea island Saaremaa, north-eastern Europe*.
- 09:40 hs. 054- Manaseryan, N.; Myrzoyan, L. *Hunting and farming practices in Lori Berd (Armenia)*.
- 10:00 hs. 546- Gál, E. *The change from the Copper to the Bronze Ages in Southern Transdanubia (South-western Hungary)*.
- 10:20 hs. 547- Berger, A. *Early Bronze Age Urban economy in the Southern Levant - a Case Study from Tel Bet Yerah*.
- 11:10 hs. 256- Macheridis, S. *The pastoralism of Bronze Age Argolis: a case-study of the interdependence between agropastoral transformation and waste management*.
- 11:30 hs. 492- Trentacoste, A. *Pigs, people, and the Po Plain: animal exploitation at the Etruscan settlement of Forcello and the development of livestock husbandry during the Late Iron Age in northern Italy*.
- 11:50 hs. 560- Crezzini, J.; Arrighi, S.; Moroni, A. *Settlement strategies during the Metal Ages in the Upper Tiber Valley (Eastern Tuscany – Central Italy). New zooarchaeological data*.
- 12:10 hs. 143- Paris, P.-E. *The Impact of Urbanisation on the Suession Territory: the People of Villeneuve-Saint-Germain and their Neighbours*.
- 12:30 hs. 405- Samei, S.; Alizadeh, K.; Eqbal, H. *A Quantitative Zooarchaeological Approach to Exploring Craft Specialization at the Early Bronze Age Site of Köhne Shahar in Northwestern Iran*.
- 14:30 hs. 419- Lanza, M. *Identification of metal tools used in animals' processing, a view from experimental archaeology*.
- 14:50 hs. 617- Marciniak, A.; Greenfield, H. *The emergence and spread of metallurgical technology in the Polish Bronze Age and their use for subsistence activities: a microscopic zooarchaeological perspective*.
- 15:10 hs. 644- Ianir Milevski; Liora K. Horwitz *The donkey (*Equus asinus*) in the Early Bronze Age of the southern Levant: zoology, iconography and economy*.
- 15:30 hs. 114- Crabtree, P. *Early Bronze Age animal husbandry at Shengavit, Yerevan, Armenia*.
- 15:50 hs. 185- Taylor, W. *Deer Stone-Khirigsuur Horsemanship and Late Bronze Age Social Dynamics in East Asia*.

Session 19B "NEOTROPICAL ZOOARCHAEOLOGY"; Posters.Organizers: Pablo M. Fernández, Mariana Mondini and Sebastián Muñoz. Sala Auditorio B.

09:00 hs. – 10:50 hs. POSTER

- 339- Borges, C.; Grouard, S. *Between the sea and the mainland: practices of fishing and hunting in sambaquis of Santos Bay, Brazil (4900 – 1900 years BP)*.
- 415- Buckley, M.; Carlini, A.; Cooke, R.; Chamberlain, A.; Egerton, V.; Mondini, M. *Collagen fingerprinting of vertebrate remains in the Neotropics*.
- 100- Giovas, C.; Krigbaum, J.; Kamenov, G.; Fitzpatrick, S. *Translocation of South American Mammals in the Pre-Columbian Insular Caribbean: Strontium and Lead Isotopic Evidence from Carriacou, Grenada, and Nevis*.
- 331- Cornejo, I.; Angulo, E.; Pozzi-Escot, D. *Análisis de Restos faunísticos recuperados en la Segunda Muralla del Santuario de Pachacamac – Perú*.
- 369- del Papa, L.; De Santis, L.; Togo, J. *Fossil fauna registration at Beltrán Onofre Banegas-Lami Hernandez archaeological site (Santiago del Estero province, Argentina). Natural death vs. human consumption*.
- 517- García Añino, E.; Marchionni, L.; Miotti, L. *The processing of guanaco in Extra-Andean Patagonia over time*.
- 112- Martinoli, M.; Vazquez, M. *Pautas de captura y procesamiento de pinnípedos en el canal Beagle: análisis comparativo entre los sitios Imiwaia I y Ajej I*.
- 234- Mondini, M.; Muñoz, A. *Osteometrics of South-Central Andean camelids: new standards*.
- 394- Miyano, J.; De Nigris, M.; Ratto, N. *Estudios arqueofaunísticos en la aldea de Palo Blanco (siglos III - X)*.
- 222- Escosteguy, P.; Salemme, M. *The faunal resources in the subsistence of Cañada Honda locality (northeastern Buenos Aires province, Argentina)*.
- 441- Labarca R.; Prieto, A.; Villalobos, R. *Taphonomy of bones contained in Puma concolor (Linnaeus) scats: its potential to interpret archaeofaunal contexts with large herbivores*.

Session 3B "FOOD PROVISIONING IN COMPLEX SOCIETIES: NEW WORLD". Organizers: Levent Atici and Benjamin Arbuckl. Sala Chañares A.

14:30 hs. 155- Thornton, E. *Ancient Maya Animal Acquisition and Exchange: New Insights and Future Research.*

14:50 hs. 181- Martínez-Lira, P.; O'Connor, T.; Arroyo-Cabral, J. *Faunal Remains and Subsistence at Monte Albán, Oaxaca.*

15:10 hs. 350- Sugiyama, N.; Somerville, A. *Feeding Teotihuacan: An zooarchaeological and isotopic investigation of pre-hispanic food and foodways.*

15:30 hs. 349- Pavao-Zuckerman, B. *Cattle Ranching, Food Provisioning, and Animal Products in the 18th Century Spanish Colonial Pimería Alta (North America).*

Session 43. WORKSHOP "SOUTH AMERICAN CAMELID OSTEOLOGY AND OSTEOMETRY". Organizers: Mariana Mondini y Katherine Moore. Sala Coirones B.

15:10 hs. A 17:10 hs.

Session 22 "ANALYSIS OF ARCHAEOLOGICAL MICROFAUNAL ASSEMBLAGES: DEFINITIONS, METHODS, AND APPLICATIONS"; Organizers: Débora M. Kligmann and Paula D. Escosteguy. Sala Coirones D.

09:00 hs. 111- Kligmann, D.; Staropoli, L. *Microfaunal remains in archaeological sites: small animals, small bones or small bone fragments?*

09:20 hs. 179- Kligmann, D. M.; Escosteguy, P. D. *Microvertebrate and small vertebrate analysis in Argentine archaeological sites: a comparison between northwest Argentina and the Pampean Region.*

09:40 hs. 270- Carenti, G. *Sardinian Pika: a prehistoric small mammal in the Tirrenian isles. An example from San Lussorio cave (Romana, Sardinia, Italy).*

10:00 hs. 266- Smith, K.; Maul, L.; Barkai, R.; Gopher, A. *Non-analog behavior and taphonomy: the case of the microvertebrate accumulator in Qesem Cave, Israel.*

10:20 hs. 527- Weissbrod, L.; Biton, R.; Tsatskin, A.; Zaidner, Y. *Microvertebrate remains in the sedimentary context of the Middle Paleolithic open-air site of Nesher Ramla, Israel.*

11:10 hs. 472- Taglioretti, V.; Sardella, N.; Fugassa, M. *Paleoparasitología de camélidos en Patagonia: avances e inferencias paleoecológicas.*

11:30 hs. - 12:50 hs. **POSTER**

140- Mange, E.; Fernández, F.; Moyano, I. *Taphonomical evidences of micromammals exploitation at Pomona archaeological site (Late Holocene, North Patagonia, Negro River). Does it constitute an intensification process?*

214- Alcaráz, A.; Stoessel, L.; Martínez, G. *Exploitation of small vertebrates in the eastern Pampa-Patagonia transition (Argentina) during the Middle Holocene.*

216- Stoessel, L.; Alcaráz, A. *The role of the small vertebrates in the human subsistence in the basins of North-Patagonic Rivers (Argentina) during the Holocene.*

418- Buckley, M. *An analysis of the Pin Hole cave (Derbyshire, UK) vertebrate microfauna using new methods in high-throughput collagen fingerprinting.*

475- Mignino, J.; Martínez, J.; Izeta, A. *Late Holocene (~3.9kybp-present) environmental conditions through the analysis of microfauna. Upper Ongamira Valley, Northern Córdoba Province, Central Argentina.*

Workshop "3D TECHNOLOGIES AND THE DEMOCRATIZATION OF ZOOARCHAEOLOGY" Herbert Maschner.Sala Retamo.

16:50 hs. – 17:50 hs.

PUBLIC CONFERENCE "HUESOS DEL PRESENTE, HUESOS DEL PASADO: ZOOARQUEOLOGÍA Y ETNOARQUEOLOGÍA DE GRUPOS DE CAZADORES-RECOLECTORES" GUSTAVO A. MARTÍNEZ. Sala Auditorio A.

16:50 hs. – 17:50 hs.

Working Groups

17:50 hs. – 19:10 hs.

-*Neotropical Zooarchaeology Working Group*. Sala Retamo. Coordinators: Pablo M. Fernández, Mariana Mondini, and A. Sebastián Muñoz.

-*Worked Bone Working Group*. Sala Chañares A. Coordinator: Alice M. Choyke.

-*Archaeozoology, Genetics and Morphometrics*. Sala Chañares B. Coordinator: Jean-Denis Vigne.

-*Animal Palaeopathology Working Group*. Sala Coirones A. Coordinator: Richard Thomas

-*Archaeomalacology Working Group*. Sala Coirones B. Coordinator: Daniella E. Bar-Yosef Mayer.

-*Zooarchaeology of the Roman Period Working Group*. Sala Coirones C. Coordinators: Silvia Valenzuela-Lamas and Umberto Albarella.

-*Fish Remains Working Group*. Sala Coirones D. Coordinator: László Bartoscewickz

-*Grupo Zooarqueología de Camélidos*. Sala Auditorio A. Coordinator: Guillermo L. Mengoni Goñalons.

THURSDAY, September, 25th

FREE DAY

International Committee Meeting. Sala Chañares A.

17:30 hs.-19:30 hs.

FRIDAY, September, 26th

Session 1 "ICHTHYOARCHAEOLOGY IN THE AMERICAS"; Organizers: Philippe Béarez and Francisco Zangrando. Sala Retamo.

- 09:00 hs. 174- Moss, M.; Speller, C.; Rodrigues, A.; Yang, D. *The Archaeology of Pacific Herring in Alaska.*
- 09:20 hs. 124- Butler, V. *Dynamics in fish and fishing on the Northeast Pacific: preliminary results from Tse-whit-zen, a 2000 yr. old coastal village in Washington State, U.S.A.*
- 09:40 hs. 489- McKechnie, I.; Moss, M. *Revising Zooarchaeological Perspectives on Indigenous Fisheries on the Northwest Coast of North America.*
- 10:00 hs. 071- Gates St-Pierre, C. *Fish & Corn: St. Lawrence Iroquoians as Fishers and Cultivators.*
- 10:20 hs. 237- Zangrando, A.; Ricciardelli, L.; Kochi, S.; Tessone, A. *Deep-sea fishing among hunter-gatherers of southern South America? Insight from carbon and nitrogen signals in fish bone collagen of Beagle Channel sites.*
- 11:10 hs. 488- Torres, J. *The Fishermen of the Strait of Magellan and adjacent seas (southern end of America): An approach to the exploitation models and seasonality during prehistory.*
- 11:30 hs. 435- Scartascini, F. *Fishing Archaeology of Hunter-Gatherer in the North Patagonian coast, Argentina.*
- 11:50 hs. 531- Cooke, R.; Jiménez, M.; Isaza, I.; Martínez, M. *Precolumbian fishing around Panamá bay from 8000 to 500 ya: ecology, capture techniques and marketing in space and time.*
- 12:10 hs. 328- Bearez, P.; Stahl, P.; Stohtert, K. *The Exploitation of Fish Resources at Las Vegas (Ecuador): new data.*
- 12:30 hs. 117- Reitz, E. *Fishing Strategies on the Southern Coast of Perú during the Terminal Pleistocene/Early Holocene.*
- 14:30 hs. 144- deFrance, S. *Andean Fish Trade and Exchange in Southern Perú: Middle Horizon through Spanish Colonial Periods.*
- 14:50 hs. 402- Fradkin, A. *Early Human Settlement and Natural Formation of the Florida Everglades, USA: The Ichthyological Evidence.*
- 15:10 hs. 448- Ohman, A. *Saltfish vs. Parrotfish: Fish and Mollusks in English Colonial Foodways at Betty's Hope Plantation, Antigua, West Indies.*
- 15:30 hs. 186- Disspain, M.; Ulm, S.; Gillanders, B. *Do fish otoliths provide a reliable palaeoenvironmental record? An examination of the effects of cooking on morphology and chemistry.*
- 15:50 hs. 047- Prestes-Carneiro, G.; Béarez, P.; Bailon, S.; Neves, E. *Fishing subsistence in Amazonia: the Hatahara archaeological site (Amazonas, Brazil).*
- 16:10 hs. 338- Borges, C.; Dufour, E.; Grouard, S. *When this fish was fished? Otolith sclerochronology in Brazilian Sambaquis.*
- 16:50 hs. 449- Figuti, L. *Fishing at the Sambaquis: a view on the trench 18, Jabuticabeira II site, Santa Catarina, Brazil.*
- 17:10 hs. – 18:00 hs. **POSTER**
- 341- Svoboda, A. *Fish taphonomy in central patagonian coast: an experimental approach and the ichthyological record.*
- 207- Corbat, M.; Giardina, M. *Experimental approach and shape influence on hydraulic transport of fish bones.*
- 310- Quintana Morales, E. *Fishing on the Azanian coast: Exploring early East African coastal adaptations through the study of fish remains from first millennium AD sites.*
- 226- Rapagnä, L.; Aguilera, O.; Souza, R.; Monteiro, C.; Tuna, F.; Silva, E. *Prehistoric fisheries in the southeastern coast of Brazil.*

Session 21 "ENVIRONMENTS AND FAUNAL USE IN MESOAMERICA"; Organizers: Christopher M. Götz, Eduardo Corona-M and Joaquín Arroyo-Cabralles. Sala Chañares A.

- 09:00 hs. 123- Cooke, R.; Jimenez, M.; Martinez Polanco, M.; Matamala, C. *A household approach to the use of animals in Precolumbian communities along the Pacific slopes of Panama from 8 kya to Spanish conquest.*
- 09:20 hs. 107- Flores, F. *Ambiente y entomofauna del área maya prehispánica.*
- 09:40 hs. 218- Beltrán Medina, J. *Los talleres de concha de Litibú en bahía de Banderas.*
- 10:00 hs. 380- Páez Torres, S.; Castillo Velasco, E. *Aprovechamiento de los recursos marinos en sitios de la Costa Oriental de Quintana Roo.*
- 10:20 hs. 397- Velaquez, A.; Valentin, N.; Lowe, L. *El aprovechamiento de los moluscos durante el Formativo en Mesoamérica: el caso de Chiapa de Corzo.*

11:10 hs. 399- Castillo Velasco, E.; Páez, S. *El aprovechamiento del material conquiológico en un asentamiento de la Costa Oriental de Quintana Roo. CALICA.*

11:30 hs. 065- Manin, A; Pereira, G.; Lefèvre, C. *Animal use in a Tarascan city: archaeozoological study of the site of Malpaís Prieto.*

11:50 hs. 545- Olay, Á.; Carballal, M.; Moguel, A.; Olivares, J. *La vida en época prehispánica en la Laguna de Cuyutlán, Colima, México: conocimiento, adaptación y aprovechamiento de recursos del medio ambiente.*

12:10 hs. 232- Domínguez, M; Rivas, J.; Götz, C.; Ardren, T.; Alonso, A.; Manahan, K.; Poot, P. *Faunal remains of an inland Maya site: Xuekal, Yucatán, México.*

12:30 hs. 365- Corona-M. E.; Giles, Flores, I.; González Quezada, R. *La arqueofauna del sitio El Tlatoani. Una contribución al conocimiento de la subsistencia en el Oriente de Morelos (Méjico).*

Session 14 “RECENT ADVANCES IN BIOMOLECULAR ARCHAEOLOGY”; Organizers: Jessica Metcalf and Ross Barnett. **Sala Chañares**
B.09:00 hs. 148- Der Sarkissian, C.; Orlando, L. *Characterizing really old genomes, proteomes and epigenomes.*

09:20 hs. 153- Samec, C.; Arzamendia, Y.; Baldo, J.; Panarello, H.; Yacobaccio, H. *Intra-population variation in carbon and nitrogen isotope composition from bone collagen from modern wild and domesticated camelids in the Dry Puna of Argentina.*

09:40 hs. 262- Buckley, M. *Advances in palaeoproteomics and ZooMS collagen fingerprinting for high-throughput species identification.*

10:00 hs. 158- Haile, J.; Murray, D.; Dortch, J.; Bunce, M. *Scrapheap Challenge: Making the Most of the Bones Others Leave Behind.*

10:20 hs. 081- Gutiérrez-García, T.; Vázquez-Domínguez, E.; Arroyo-Cabralles, J. *The Loltún cave, a tropical source of ancient DNA from Quaternary mammals.*

11:10 hs. 247- Cooper, A.; Mitchell, K.; Scanferla, A. *Ancient DNA analysis of the Glyptodonts (Cingulata) and a revised evolutionary timescale of Xenarthrans.*

11:30 hs. 068- Neuberger, F.; Balasse, M.; Pöllath, N.; Grupe, G.; Peters, J. *Anthropogenic influence on the life cycle of early livestock in Anatolia as evidenced by light stable isotope analyses.*

11:50 hs. 384- Battillo, J.; Lupo, K.; Bolnick, D.; Mata-Miguez, J.; Lipe, W. *No bones about it: aDNA sequencing of dietary remains from human paleofeces.*

12:10 hs. 540- Metcalf, J.; Parfrey, L.; Tito, R.; Lewis, C.; Knight, R. *Reconstructing gut microbiomes from coprolite material.*

12:30 hs. 541- Barnett, R.; Döppes, D.; Fladerer, F. *The European Dhole (Cuon alpinus).*

12:50 hs.- 13:10 hs. **POSTER**

219- Mondini, M.; Panarello, H. *Isotopic evidence in Holocene camelids from the southern Puna.*

242- Lantos, I.; Spangenberg, J.; Ratto, N.; Maier, M. *Identification of Southamerican camelid fat in absorbed residues of West Tinogasta pottery (300-1600 AD) using chemical and stable isotope analyses.*

Session 2 “GLOBAL PATTERNS IN THE EXPLOITATION OF ANIMAL-BASED RAW MATERIALS: TECHNOLOGICAL AND SOCIO-CULTURAL ISSUES”; Organizers: Natacha Buc, Annalisa Christie, Alice Choyke, and Vivian Scheinsohn. **Sala Coirones A.**

09:00 hs. 072- Gates St-Pierre, C. *Bone tools of the St. Lawrence Iroquoians: how they were made, and how they were used.*

09:20 hs. 238- O'Connor, S. *Material identifications: the key to understanding the cultural significance and global patterns in raw material selection.*

09:40 hs. 434- Stone, E.; Cordero, R. *Bone Tools at the Chamisal Site: Late Ancestral Pueblo Domestic Use of Osseous Materials.*

10:00 hs. 422- Buc, N.; Loponte, D. *Bone tools discussing animal exploitation. The case of Lama guanicoe in the Low Paraná Basin.*

10:20 hs. 344- Antonites, A. *Technological Aspects of Mapungubwe Bone Arrows.*

11:10 hs. 388- Scheinsohn, V. *Speargrowers-related bone materials from Patagonia.*

11:30 hs. 141- Laurent, D. *Social aspects of Natufian societies through personal ornaments: acquisition, manufacture and use.*

11:50 hs. 063- Leonhardt, S. *Shell bead production and manufacture wastes in North Western Patagonia.*

12:10 hs. 115- Bar Yosef, D. *Shell Midden to Shell artifact: Unio shells as a multi-purpose resource.*

12:30 hs. 518- Christie, A. *Shells as Toys: Ethnographic research from the Mafia Archipelago.*

14:30 hs. 519- Szabó, K.; Koppel, B.; Moore, M. *South Sea Pearling and Pearlshells: An Indigenous Prehistory?*

14:50 hs. 312- Santander, B.; López, P.; Cartajena, I. *Bone tools at the Valley of Mauro, Semi-arid North of Chile. Morphological and Functional variability in bone technology under a diachronical perspective.*

15:10 hs. 149- Houmarc, C.; Sidéra, I. *Studying abrasion or scraping technique, a highly meaningful tool to learn on social and subsistence strategies of past societies.*

15:30 hs. 157- Walshe, K. *19th Century exploitation of wallabies by sealers on Kangaroo Island, South Australia.*

15:50 hs. 504- Wells, P.; Renouf, M. A. P. *Social Organization and Osseous Tool Making at the Dorset Seal Hunting Site of Phillip's Garden, Northwestern Newfoundland.*

16:10 hs. 520- Tivoli, A.; Fiore, D. *Bird bone beads in Tierra del Fuego. The use of avifaunal resources in the production of bone ornaments in the Beagle Channel region.*

16:50 hs. 044- Choyke, A. *Hare and Canid Pairings: the concept materialized in amulets and fittings in Europe and the Near East.*

17:10 hs.- 17:40hs. **POSTER**

439- Tolmie, C. *Prey Variability, Element Selection and Bone Tool Use in the Aurignacian and Châtelperronian in France.*

471- Davrieux, N.; Buc, N.; Silvestre, R. *Manufacture sequence on shell beads from Low Paraná Basin: an experimental approach.*

Session 13 "META-ANALYSES IN ZOOARCHAEOLOGY: LARGE-SCALE SYNTHESES IN THE ERA OF "BIG DATA""; Organizers: David C. Orton and James Morris. Sala Coirones B.

09:00 hs. 082- Albarella, U. *Sweeping generalizations? Methodological issues in large-scale zooarchaeological analysis.*

09:20 hs. 093- Jones, E.; Gabe, C.; Kocer, J. *Meta-analyses in the American Southwest: the promise and peril of older collections.*

09:40 hs. 269- Gron, K.; Robson, H. *The Ertebølle Zooarchaeological Dataset from Southern Scandinavia.*

10:00 hs. 386- Arbuckle, B. *The Central and western Anatolian Neolithic Animal Economies Project: exploring the potential of shared, open access, published data.*

10:20 hs. 50- Orton, D.; de Vareilles, A.; Orton, C. *Balkanized data? Challenges in regional-scale integration of zooarchaeological and archaeobotanical datasets from the western Balkan Neolithic.*

11:10 hs. 303- Tresset, A.; Duval, J.; Gillis, R.; Bréhard, S.; Baly, I.; Vigne, J. *An insight into animal exploitation in the LBK culture: conception and use of Rubanéos, a large archaeozoological database.*

11:30 hs. 103- Manning, K.; Cream, E.; Timpson, A.; Shennan, S. *Identifying patterns in European Neolithic animal exploitation. Can we reconcile 'big data' with chronological resolution?*

11:50 hs. 240- Castillo, C.; Goepfert, N.; Sepúlveda, M.; Saintenoy, T. *Caracterización y síntesis del uso/consumo animal a lo largo de la secuencia arqueológica de la precordillera de Arica en el norte de Chile (área Centro Sur andina).*

12:10 hs. 098- Conrad, C. *Zooarchaeology in Mainland Southeast Asia: Methodological Issues and the 'Broad-Spectrum Revolution' in Thailand and Malaysia.*

12:30 hs. 217- Böhm, H.; Kunst, G. K. *Testing the triad in a Roman setting.*

14:30 hs. 385- Best, J. *Flock Together: Large-scale analysis of avian resource use in the North Atlantic Islands.*

14:50 hs. 014- Smith, I. *Data-mining, Diet, Fisheries and Extinctions in Prehistoric New Zealand.*

15:10 hs. 183- Morris, J.; Orton, D.; Ostrich, S. *Catch-per-unit-effort': calibrating fish bone evidence from London for research intensity.*

15:30 hs. 150- Wright, L. *The morphological variation of the European aurochs (*Bos primigenius*): challenges faced in synthesising biometrical data from a diversity of sources, with a wide spatial and temporal focus.*

15:50 hs. 464- Pobiner, B. *The Origin and Evolution of Human Carnivory: Analyses of African Early Stone Age Butchery Marked Faunal Assemblages.*

16:10 hs. 274- Santiago, F.; Vázquez, M. *Exploring the zooarchaeological supra regional record in Tierra del Fuego, the use of Isoscapes and Bonescapes.*

16:50 hs. 252- Kansa, S.; Kansa, E. *Data as Professional Practice in Zooarchaeology.*

17:10 hs. 059- Driver, J. *Discussant.*

Session 38 "TAPHONOMY: INTERPRETING THE ENVIRONMENTAL CONTEXT"; Organizers: J. Fernández Jalvo and C. Montalvo. Sala Coirones C.

- 09:00 hs. 337- Rhodes, S.E.; Lopez-Jimenez, A.; Lopez-Martinez, M; Haber-Uriarte, M.; Walker, M.J. *Cultivated fire in the Early Paleolithic: evidence of small mammal incidental burning at Cueva Negra del Estrecho del Rio Quipar (Caravaca, Murcia, Spain)*.
- 09:20 hs. 109- Herrera Flores, D.; Götz, C. *Animals as forming agents and bioturbators of faunal assemblages: a case study in the archaeological site of Yaxuná, Yucatan, Mexico*.
- 09:40 hs. 110- García Paz, C.; Götz, C. *Interpreting the archaeofauna of Vista Alegre, Quintana Roo: actualistic observations of natural accumulations and recycling of skeletal remains*.
- 10:00 hs. 395- Morales, N.; Catella, L.; Barrientos, G.; Oliva, F. *Evaluación de un modelo predictivo acerca de las probabilidades diferenciales de preservación ósea en diferentes sectores de la cuenca del arroyo Chasicó, Región Pampeana Argentina*.
- 10:20 hs. 474-Montalvo, C.; Santillán, M.; Galmes, M.; Grande, J.; Cereghetti, J.; Sarasola, J. *The role of crowned eagle (Harpyhaliaetus coronatus Falconiformes) as accumulating agents of armadillos (Dasypodidae)*.
- 11:10 hs. 316- Boschin, F. *Ibex remains from the 4234/2370FR cave (Friuli, North-East Italy): bone preservation in a high-altitude hypogean environment*.
- 11:50 hs. – 12:50 hs. **POSTER**
- 052- Guillaud, E.; Bearez, P.; Denys, C.; Raimond, S. *Otter's role (*Lutra lutra*) in the accumulation of fish remains in prehistoric sites*.
- 127- Stoetzel, E.; Moncel, M.; Antoine, P.; Koehler, H.; Seveque, N.; Auguste, P. *Taphonomic analysis of Pleistocene small vertebrate assemblages: case studies from northern France*.
- 136- Cruz, I. *Taphonomy and zooarchaeological interpretation: observations on modern Lesser Rhea (*Rhea pennata*) bones in Southern Patagonia (Argentina)*.
- 282- Cruz I.; Muñoz, A. *Mammal bone weathering in a temperate coastal steppe (southern Patagonia, Argentina). A comparison among taxa*.
- Session 26 "RECONSTRUCTING ANIMAL DOMESTICATION SCENARIOS: HISTORICAL AND ANALYTICAL APPROACHES"; Organizers: Anne Tresset, Morgane Olivier, María Saña, Miguel Pérez-Enciso and Carlos Tornero. Sala Coirones D.**
- 09:00 hs. 268- Boudadi-Maligne, M.; Escarguel, G.; Tresset, A.; Vigne, J.-D. *Reassessment of Palaeolithic wolf domestication in Europe*.
- 09:20 hs. 272- Ollivier, M.; Tresset, A.; Vigne, J.-D.; Hänni, C. *Uncovering dog domestication processes combining paleogenomics and archeozoology*.
- 09:40 hs. 458- Makarewicz, C. *A mosaic of management strategies: A zooarchaeological and stable isotopic view into the evolution of caprine husbandry during the southern Levantine Pre-Pottery Neolithic*.
- 10:00 hs. 537- Gourichon, L.; Helmer, D. *New considerations about early goat domestication in the Near East*.
- 10:20 hs. 372- Bendrey, R.; Elliott, S.; Whitlam, J.; Matthews, W. *Human-animal relationships at the origins of farming in the Zagros Mountains*.
- 11:10 hs. 466- Munro, N.; Stiner, M. *The Arrival of Animal Domesticates and the Nature of the Forager-Producer Transition at Franchthi Cave, Greece*.
- 11:30 hs. 525- Tornero, C.; Navarrete, V.; Balasse, M.; Saña, M. *Breeding strategy and seasonal diet of sheep, goat and cattle in early Neolithic site of La Draga (north-east Iberian Peninsula)*.
- 11:50 hs. 276- Evin, A.; Girdland Klink, L.; Cucchi, T.; Larson, G.; Dobney, K. *The multiformity of pigs: domestication, dispersal and admixture in the West Palaearctic*.
- 12:10 hs. 451- Zhang, Y.; Martin, L.; Fuller, D.; Sun, G. *Reconstruction of the domestication procedure in Southern China: reconsider the archaeological materials*.
- 12:30 hs. 287- Yacobaccio, H.; Vilá, B. *A Model for llama (*Lama glama*) domestication*.
- 12:50 hs. 166- Cucchi, T.; Puymerail, L.; Herrel, A.; Cornette, R.; Tresset, A.; Vigne, J.-D. *Experimental domestication: functional and ontogenetic approach of skeleton development in captivity*.
- 14:30 hs. 159- Kveiborg, J. *Direct radiocarbon dating of horse bones from Scandinavia dated to the 5th to the 2nd millennium BC*.
- 14:50 hs. 309- Rosvold, J. *Hunting domestic reindeer*.
- 15:10 hs. – 15:40 hs. **POSTER**
- 442- Dagtas Nihan Dilsad; Ozer Fusun; Piskin Evangelia; Eksi Elcin; Gundem Can Yumnu; Togan Inci. *Mitochondrial DNA haplogroups in unraveling the evolutionary history of sheep from southeast Anatolia*.
- 467- Burgos-Paz, W.; Ramírez, O.; Casas, E.; Ballester, M.; Bianco, E.; Olalde, I.; Novella, V.; Gut, M.; Lalueza-Fox, C.; Saña, M.; Pérez-Enciso, M. *Genome data from a 16th century pig illuminates ancient selective events*.

Session General 41B Poster “TAPHONOMY, PALEOENVIRONMENT, AND TAXONOMY IN ZOOARCHAEOLOGY II”. Sala Auditorio B.

09:00 hs.-11:00 hs. **POSTER**

639- Martin M.F.; Prevosti J. F.; Borrero L. *Late Pleistocene carnivore den at Cueva Escondida, Última Esperanza, Chile.*

634- Martinez, D.; Morales, J.; Whistler, E.; Colston, J.; Vellanoweth, R. *Comparing vertebrate remains from contextually distinct deposits within a ceremonial complex at the Tule Creek Village (CA-SNI-25).*

580- Souza, M.; Pacheco, M.; Fagundes, M.; Martins, I. *The Garden of Chica da Silva’s House: a zooarchaeologic window to the subsistence patterns in the nineteenth century, Diamantina. Minas Gerais state, Brazil.*

601- Dellepiane, J.; Rindel, D. *Comparative analysis of faunal remains from stone structures (parapetos) from southern patagonia, Argentina.*

627- Forasiepi, A.; Gil, A.; Neme, G.; Filippi, L.; Aguirreabala, G. *Quaternary megamammals in north Patagonia and first human occupation.*

626- Otaola C.; Corbat, M.; Fernandez, F.; Giardina, M. *Taphonomic Research in Central Western Argentina: Contemporary Problems and Perspectives.*

590- Fernández, F.; Gil, A.; Ugan, A.; Neme, G. *Stable Isotopes (¹³C and ¹⁵N) of Holocene caviomorph rodents from Northwestern Patagonia: human subsistence and paleoenvironments issues.*

613- Cohen, B.; Kibii, J. *A template of bone modification by a small carnivore (Honey Badger) on rabbit prey.*

610- Horard-Herbin M.; Lepetz, S.; Guintard, C.; Clavel, B.; Vallet, C. *D. coupes project: from marks observed to anthropogenic procedures.*

609- Castel, J.; Boudadi-Maligne, M.; Bignon, O.; Brugal, J.; Chauvière, F. *Food strategies in the Upper Paleolithic in eastern Aquitaine: comparison of data from Pleniglacial and Late Glacial archaeological sites and natural traps.*

606- Boileau, A. *Taphonomic Analysis of Animal Bones in the Neotropics: A Case Study from the Maya Site of Pacbitun, Belize.*

607- Clavel, B.; Frère, S. *Dolphins meat consumption in France during the historical periods, from king privilege to taboo.*

603- Srur, M. *Prácticas de consumo de camélidos en sociedades aldeanas del Sur de los Valles Calchaquíes. Cardonal durante el Primer Milenio A. D. (Valle del Cajón, Catamarca, Argentina).*

598- Fernández Díaz-Maroto, P.; Saladie Balleste, P.; Rodríguez Hidalgo, A.; Carbonell, E.; Cáceres, I.; Huguet, R. *Zooarqueología y Tafonomía del subnivel de Pleistoceno Inferior TD6-3 del yacimiento de Gran Dolina, Sierra de Atapuerca (Burgos).*

597- Nyerges, É. *Animal Bones and household archeology. Environmental reconstruction using archaeozoological finds from a Central European Neolithic site (Alsónyék–Bátaszék, Hungary).*

595- Massigogé, A.; Rafuse, D.; Rodríguez, M.; Rodríguez, J.; Torino, R.; Steffan, P. *Analyses of the faunal assemblage from the Las Toscas 5 site: a middle Holocene hunter-gatherer site from the southeastern Pampa Region (Argentina).*

594- C V Sharada. *A study of the antler remains from archaeostratigraphic Unit 28 from the excavations at the prehistoric cave site of Lazaret, Nice, France.*

591- Frontini, R.; Tomassini, R.; Bayón, C. *Taphonomic analysis of an assemblage of Lama guanicoe (Artiodactyla, Camelidae) from the late Holocene (Pampean Region, Argentina).*

640- Bastourre, L.; Bonomo, M.; Politis, G. *Exploring pre-Hispanic subsistence practices in the Upper Delta of the Paraná River: Laguna de los Gansos archaeological site (Argentina).*

643- Ellyson, L. ; Wolverton, S. *Impacts of PIII Resource Intensification on Leporid Populations in the Northern San Juan Region, AD 1000-1280.*

646- Rudzinski, A.; Thomas, M. *A discriminative model-based approach to inferring the geographic origin of domestic species.*

Session General 41B “SOUTH AMERICA ZOOARCHAEOLOGY”. Sala Chañares A.

14:30 hs. 516- Mercolli, P.; Taboada, C. *Patrones de consumo en el piedemonte catamarqueño. Un enfoque desde los estudios arqueofaunísticos.*

14:50hs. 455- de Queiroz, A.; de Carvalho, O. *Zooarchaeological studies in Latin America: an overview on professional education in Brazil.*

15:10 hs. 572- Scheifler, N.; Messineo, P. *Zooarchaeological study in the Laguna Cabeza de Buey 2 site (Center of the Pampas grassland, Buenos Aires, Argentina).*

15:30 hs. 538- Gómez, G.; Chiesa, J.; Lalinde, V. *Zooarchaeological preliminary analysis from Dupuy Rockshelter (La Toma, Pcia. de San Luis, Argentina): Faunal and paleoenvironmental tendencies.*

15:50 hs. 633- Del Alcazar, M. *Mamíferos pequeños como indicadores de hábitat en el registro arqueológico-histórico.*

16:10 hs. 631- Ramos Junior, M.; Loiola Brochier, L. *"Fishing, capturing or collecting fish?" Indicative on the use of nets, traps and ictiotoxic agents by sambaquieiros groups, Paraná – Brazil.*

16:50 hs. 628- Goepfert, N; Bearez, P.; Lefevre, C.; Mogollon, V.; Christol, A.; Gutierrez, B. *Subsistence economies and environmental dynamics in the Sechura Desert (extreme Northern Peru) during pre-Hispanic times: preliminary results.*

17:10 hs. 573- Barboza, M. *Analysis ichtyoarchaeological at Los Bananas Site (Goya, Corrientes, Argentine).*

17:30 hs. 561- Rebollo, S. *El Holoceno Medio en la Costa Arreica del norte de Chile: Estrategias de pesca y caza costero-marítima en el sitio Zapatero.*

17:50 hs. 553- Peña León, G.; Martínez Polanco, M. *Impacto de la pesca precolombina en la zona de raudales del río Magdalena.*

18:10 hs. 647- Miotti, L. *Los Guanacos hechos trizas: Patrones de Consumo en el Holoceno tardío en el Macizo del Deseado, Santa Cruz, Argentina.*

Session 37 "ACCOMPANYING DEATHS: THE ROLE OF SOME ANIMALS IN THE FUNERARY PRACTICES"; Organizer: Ilona Bede. Sala Chañares B.

14:30 hs. 567- Bede, I. *Avar period's partial horse burials: sacrifice or accompanying death?*

14:50 hs. 311- Morris, J.; Sayer, D. *Performance and identity: animals and Anglo-Saxon death in Britain.*

15:10 hs. 172- Rainsford, C. *What Did This Sheep Mean To You? Animal Remains in Anglo-Saxon Cemeteries - A Norfolk Case Study.*

15:30 hs. 049- Grau Sológestoa, I.; Vigil-Escalera Guirado, A. *Grave goods or rubbish? The combined deposits of human and animal remains outside early medieval cemeteries in Spain (5th-8th centuries AD).*

15:50 hs. 029- Alaica, A. *The Role of Animal Internments in Ritually-Charged Spaces at the Site of Huaca Colorada: Discussing the Importance of Dog, Camelid and Guinea Pig Remains during the Late Moche Period of Coastal Perú.*

16:10 hs. 503- Berón, M. *Child and dog, an intimate relationship till death.*

16:50 hs – 17:10 hs. **POSTER**

220- Rindel, D.; García Guraib, S.; Cassiodoro, G. *Animal remains in mortuary contexts of southern Patagonia: comparing the ethnohistorical and archaeological records.*

Session 42ROUNDTABLE DISCUSSION ON THE THEME "DIGITAL DATA: COLLECTION, ORGANIZATION, AND DISSEMINATION".

Organizers: Sarah Witcher Kansa. Sala Coirones B.

17:30 hs. – 18:30 hs.

Session 20 "THE ZOOARCHEOLOGY OF PASTORALISM: ADVANCES IN THEORY AND METHOD"; Organizers: Jennifer Grant and Silvana Urquiza. Sala Coirones C.

14:30 hs. 293- Weber, J. *Pastoralism and Constraint: Mapping Urbanized Niche Construction through sex, size, and selection.*

14:50 hs. 034- Gundem, Can Yumni. *Introduction of wool sheep to west Anatolia in the Early Bronze Age after results from Troy.*

15:10 hs. 533- Horwitz, L. *The Role of Hunting in Pastoralist Communities: Ethnographic and Archaeozoological Perspectives from the Southern Levant.*

15:30 hs. 046- Sasson, A. *Homo Sapience Nomadus and Homo Sapience Sedentus: Anthropological Model and Zooarchaeological Parameters of Pastoralism in the Levant.*

15:50 hs. 089- Romano, A.; Baied, C.; Lopez Campeny, S. *Por los pastos de la Puna: Evidencias palinológicas del pastoreo de camélidos en Antofagasta de la Sierra (Catamarca, Argentina).*

16:10 hs. 352- Urquiza, S.; Grant, J. *Puna Herders: Pastoralism and Hunting in the Argentine Puna (ca. 1500 a 200 years BP).*

16:50 hs. 357- Grant, J. *Analyzing agropastoralism from an isotopic perspective: a case study from Antofagasta de la Sierra.*

Session General 41C Poster "METHODOLOGICAL ADVANCE IN ZOOARCAHEOLOGY". Sala Auditorio B.

14:30 hs.-16:30 hs. **POSTER**

608- Kaushik Neelanshu; Sathe Vijay. *Biometrical analysis of rodent bones.*

557- Guiry, E.; Harpley, B. *Animals from Near and Far: Bone Chemistry Insights into Meat Provisioning at a Historical Working Class Neighbourhood in Melbourne, Australia.*

618- Breda, M. *A Metric Analysis of Zapotec-Attributed Domestic Dog Remains*

605- Takahashi, R. *Zooarchaeological study of introduction of Sus scrofa into the prehistoric Ryukyu Islands based on ancient DNA analysis.*

588- Hawkins, A.; Needs-Howarth, S. *The Yellow Perch Fishery in Southern Ontario: Insights from Osteometrics.*

582- Hernández, A. *Late Holocene Zooarchaeology of Antumpa. Analysis of camelids exploitation in the nothern sector of the Humahuaca Quebrada.*

577- Brunson, K.; Zhao, X. *Ancient DNA Analysis of Oracle Bones from Taosi and Zhoujiazhuang, Shanxi Province, China.*

563- Novotná, A. *Have somatic parameters of wild Equidae in captivity been changing?*

PLENARY CONFERENCE. Sala Auditorio A

18:45 hs. JEAN-DENIS VIGNE "**WHAT SHOULD WE KNOW FOR BETTER UNDERSTANDING EARLY DOMESTICATIONS AND FARMING?"**

SATURDAY, September, 27th

Session 9 "THE ZOOARCHAEOLOGY OF NEW WORLD UNGULATES"; Organizers: Steve Wolverton; Matthew E. Hill, and Leonardo Mucciolo. Sala Retamos.

09:00 hs. 201- Santiago, F.; Salemme, M. *How to get guanacos. Hunting patterns of Lama guanicoe, a view from Las Vueltas 1 site, Tierra del Fuego, Argentina.*

09:20 hs. 383- Day Pilaría, F.; Merino, M. *Construcción de un cronograma de fusión ósea en venado de las pampas (Ozotoceros bezoarticus). Su aplicación arqueológica en sitios del litoral del Río de la Plata (Prov. de Buenos Aires, Argentina).*

09:40 hs. 324- Hill, M.; Beck, M. *13,000 years of Bison Hunting: The Shifting Diet Breadth of Great Plains Big Game Hunters in North America.*

10:00 hs. 233- Wolverton, S.; Otaola, C.; Neme, G.; Gil, A. *Assessing the Potential for Resource Depression in Guanaco (Lama guanicoe) in Southern Mendoza, Argentina through Biometric Analysis of Body Size.*

10:20 hs. 332- Wismer-Lanoë, M. *Technology, Subsistence, and Efficiency: Evaluating Evidence for Grease Processing at the Cherokee Sewer and Rainbow Sites, Iowa*

11:10 hs. 121- Martinez Polanco, M.; Jimenez, M.; Buckley, M.; Cooke, R. *Precolumbian impacts on a dwarf deer (Cervidae) on an offshore island (Pedro Gonzalez, Pearl Island archipelago, Panama). Implications for biodiversity and conservation*

11:30 hs. 387- Gil, A.; Neme, G.; Ugan, A.; Otaola, C.; Giardina, M.; Michieli, T. *Camelids stable isotopes (^{13}C y ^{15}N) variability in Central Western Argentina: trends and archaeological implications.*

11:50 hs. 645- Dombrosky, J. *Patches and Pulls: Assessing the Role of Large Game in the Mesa Verde/Northern Rio Grande Migration (ca. AD 1300).*

Session 34 "ZOOARCHAEOLOGY AND EVOLUTIONARY BIOLOGY: GOALS, CHALLENGES AND PROSPECTS IN CONCILIATING TWO DIFFERENT DISCIPLINARY FIELDS"; Organizers: Thomas Cucchi, Anne Tresset, Anthony Herrel and Raphaël Cornette. Sala Chañares A.

09:00 hs. 064- Herrel, A.; Tresset, A.; Cornette, R. *The reciprocal illumination between zooarcheology and evolutionary biology: the taming of the shrew.*

09:20 hs. 264- Kerr, E.; Tresset, Anne; Herrel, A.; Renaud, S. *Variation of Apodemus mandibular morphology during the Holocene: functional implications.*

09:40 hs. 161- Cucchi, T.; Barnett, R.; Martíková, N.; Renaud, S.; Searle, J.; Dobney, K. *5000 years of insular microevolution in the Orkney vole.*

10:00 hs. 294- Vigne, J.-D.; Evin, A.; Cucchi, T. *Morphometric approaches of the early suids on Cyprus: insularity and domestication.*

10:20 hs. 163- Kemp, M.; Bochaton, C.; Bailon, S.; Grouard, S.; Ineich, I.; Tresset, A. *Evaluating the interplay between human colonization, extinction, and body size on insular squamates: the Guadeloupean archipelago as a case study.*

11:10 hs. 426- Tresset, A.; Bailon, S.; Cornette, R.; Cucchi, T.; Vigne, J.-D. *What happens when an island becomes an island?*

11:30 hs.-12:00 hs. **POSTER**

275- Evin, A.; Cucchi, T.; Larson, G.; Dobney, K. *Beyond biometry: Observing the impact of domestication on the dental phenotype of Sus scrofa.*

Session 31 "RECENT APPROACHES TO ZOOARCHAEOLOGICAL AND ETHNOZOOLOGICAL RESEARCH AT CARIBBEAN LOWLANDS. Organizers: Diana Rocío Carvajal Contreras and Elizabeth Ramos Rocca. Sala Chañares B.

09:00 hs. 164- Bochaton, C.; Bailon, S.; Cornette, R.; Ineich, I.; Tresset, A.; Sierpe, V.; Grouard, S. *Zooarchaeology and the sixth mass extinction crisis: The Marie-Galante island (Guadeloupe, West-Indies) squamates as a case study.*

09:20 hs. 137- Cárdenas, C.; Götz, C. *Taphonomy of leftovers: modifications of the faunal remains of the current maya house lot and their application in zooarchaeological studies.*

09:40 hs. 308- Delsol, N.; Zorro, C.; Grouard, S. *A study of hunting practices in Caribbean Lowlands, comparative analysis of Karoline (Nicaragua) and Manzanilla (Trinidad) faunal assemblages.*

10:00 hs. 030- Carvajal-Contreras, D. *Ambientes y uso de recursos acuáticos en tres sitios arqueológicos en el Canal del Dique, departamento de Bolívar Colombia.*

10:20 hs. 180- Ramos Roca, E. *Zooarqueología aplicada, Etnozoológica, Cocinas tradicionales y Biodiversidad en la Región Caribe de Colombia.*

Session General 41E "ASIA AND AFRICA ZOOARCHAEOLOGY".Sala Coirones B.

- 09:00 hs. 549- Stanc, M.; Tewari, D. *Animal resources exploitation in the Ganga Plain (Uttar Pradesh area; 2000 BC – 1800 AD).*
- 09:20 hs. 637- Vasyukov, M.; Savinetsky, A.; Khasanov, B. *Evidence of dog traction in ancient Eskimo settlements of Chukchi Peninsula, Russia.*
- 09:40 hs. 599- Alarashi, H. *The use of cowry shells in the Near Eastern Neolithic world: long-distance circulation, bead-making and mortuary practices.*
- 10:00 hs. 620- MacIntosh, S.; Atici, L. *A Regional and Comparative Approach to Antler Working in Southeastern Anatolia during the Early Holocene.*
- 10:20 hs. 614- Zhang, Ying; Martin Louise; Fuller Dorian. *Investigating the resource exploitation: an integrated research of zooarchaeology, archaeobotany and ecology at Tianluoshan, China.*
- 11:10 hs. 543- Arai, Sajii; Yamauchi Kazuya; Abe Masashi. *Faunal Remains from Medieval Ak Beshim, Republic of Kyrgyz.*
- 11:30 hs. 638- Vasyukov, M.; Savinetsky A.; Khasanov, B.; Krylovich, O. *Egyptian dogs in the beginning of the Common Era (dog burial in Fayum oasis).*
- 11:50 hs. 554- Val, A.; de la Peña, P.; Wadley, L. *First evidence of bird consumption in the Middle Stone Age of Sibudu Cave, South Africa: an experimental approach.*
- 12:10 hs. 615- Quintana Morales, E.; Prendergast, M. *Fishers-Foragers-Traders: Early subsistence practices on the eastern African coast.*

Session General 41C "CENTRAL AND NORTH AMERICAN ZOOARCHAEOLOGY".Chair: Frank Bayham.Sala Coirones C.

- 09:00 hs. 586- Grunwald, A.; Kornfeld, M.; Frison, G. *Faunal Analysis of the Paleoindian Mass Bison Kill at Carter/Kerr-McGee.*
- 09:20 hs. 625- Pérez Roldán, G.; Campos Martínez, M.; Silva Reyna, R. *La arqueozoología del Norte de México vista a través del Laboratorio de Arqueozoología, UASLP, San Luis Potosí, México.*
- 09:40 hs. 622- Lizárraga Edna C. *La tortuga marina y los Seris ("Concáac"): una retrospectiva atemporal a su cosmovisión.*
- 10:00 hs. 604- Freiwald, C.; Brown, M. *Preclassic animal use at Blackman Eddy, Belize.*
- 10:20 hs. 566- Goshen, Shannon *Prehistoric Anthropogenic Impacts to Pacific Waterfowl Populations in the Sacramento Valley, California, USA.*
- 11:10 hs. 513- Henry, S. *Taino-Spanish Contact at Maima: Zooarchaeological Analysis of a Food Culture Changed.*
- 11:30 hs. 066- Gutierrez, A.; Bayham, F. *Tracking the Impact of Euroamerican Contact in Northeastern California: the Archaeofauna of Kingsley Cave.*
- 11:50 hs. 619- Guia-Ramirez, A. *Fishing activities of hunter-gatherer groups in the northwest of the peninsula of Baja California, Mexico.*
- 12:10 hs. 289- Flores, C. *Importance of Past Small-Scale Ecological and Oceanographic Variability for Studies about Human Exploitation of Ancient Intertidal Habitats. An example from Santa Cruz Island, California.*

Session General 41D "EUROPEAN ZOOARCHAEOLOGY".Sala Coirones D.

- 09:00 hs. 593- C V Sharada; Valensi, P. *Archaeozoological Analyses of Large Mammals (Archaeostratigraphic Unit 28) from the Prehistoric Cave of Lazaret, Nice, France.*
- 09:20 hs. 592- Hufthammer, A.; Grøndahl, F.; Henriksen, M. *Were there environments suitable for human occupation in Scandinavia during the last Ice Age?*
- 09:40 hs. 612- Telldahl, Y. *Morphometric dental pattern: Modern horse breeds in comparison with ancient remains.*
- 10:00 hs. 539- Llorente, L.; Sánchez-Marco, A.; López-Sáez, J.; Morales-Muñiz, A. *Not only birds: data crossing to infer paleo-environments. The case of Cova Fosca (Eastern Spain).*
- 10:20 hs. 632- Nicodemus, A.; Lemke, A. *Specialized Bone Working in the Bronze Age? The Organization of Production at Pecica Şanțul Mare, Romania.*
- 11:10 hs. 512- Bar-Yosef, O. *Interactions between farmers and foragers during the Neolithic period in the Levant.*
- 11:30 hs. 589- Crezzini, J.; Boscato, P.; Boschin, F.; Wierer, U. *Small games exploitation at the Early Mesolithic rock shelter of Galgenbühel/Dos de la Forca (South Tyrol - Italy).*

11:50 hs. 596- Roselló-Izquierdo, E.; Morales-Muñiz, A. *Santa Catalina (Vizcaya, Spain): a reappraisal of fishing along the Cantabrian coast in Prehistoric times.*

GENERAL MEETING.*Sala Coirones.*

14:30 hs.-16:00 hs.