



Wednesday 13th

12:00-13:15 Reception, early registration and welcome speech by Valencian authorities in the Museo de Ciencias Naturales de Valencia.

13:15-14:00 Guest lecture: **Mauricio Antón**

Project “Visual Paleodiversity”

15:00-17:00 Guided visit to Museo de Ciencias Naturales de Valencia.

17:30 Departure of the coach to Titaguas

19:00-20:00 Early registration in Titaguas

20:00 Welcome speech by local authorities and icebreaker party



Thursday 14th Morning Session

9:15-9:30 Official Conference Opening in Casa de la Cultura

9:30-10:15 Guest Lecture (Casa de la Cultura): Christian Klug

Paleozoic Marine macroecology

Life in Palaeozoic: an overview of land and sea ecosystems

Ayuntamiento de Alpuente

10:25-10:40 Using Finite Element Analysis to unravel conodont feeding ecology. Carlos Martínez-Pérez, Emily J. Rayfield, Héctor Botella and Philip C.J. Donoghue.

10:40-10:55 Computed tomography applied to the study of *Leonodus carlsi* teeth from the Lower Devonian of Celtiberia (Spain). Alba Martín-Lázaro, Vicent Gisbert-Cardona, Carlos Martínez-Pérez and Héctor Botella.

10:55-11:10 First report of Furongian echinoderms from Spain. Samuel Zamora.

Tertiary ecosystems: evolution and palaeoenvironments

Casa de la Cultura

10:25-10:40 Dental wear pattern analysis of *Stephanomys donnezani* (Muridae, Rodentia, Mammalia) from the Pliocene of Layna (Soria). Jessica Acosta-Cabello, Ana R. Gómez-Cano, Paloma López-Guerrero, Iris Menéndez, M^a Ángeles Álvarez-Sierra and Manuel Hernández-Fernández.

10:40-10:55 Miocene (Karpatian) foraminifera from the Central-Paratethys, N-Hungary. Eszter Balassi.

10:55-11:10 The Late Miocene endemic mollusc fauna of the Pannonian Basin (Carpathian region, Central Europe). Dániel Botka and Imre Magyar.

11:10-11:55 Coffe Break



Life in Palaeozoic: an overview of land and sea ecosystems

Ayuntamiento de Alpuente

11:55-12:10 The Early Devonian Nogueras Flora of the Iberian Peninsula. Borja Cascales-Miñana and Philippe Gerrienne.

12:10-12:25 Trilobites of the Devonian of Portugal – the state of the art. Catarina Caprichoso, Artur A. Sá, Paulo Legoinha and Sofia Pereira.

12:25-12:40 An upper Ordovician benthic assemblage from the Cabeço Pedrogão locality (Central Iberian Zone, Portugal): biostratigraphical and palaeobiogeographical remarks. Jorge Colmenar, Sofia Pereira, A. Sá and Carlos M. da Silva.

Tertiary ecosystems: evolution and palaeoenvironments

Casa de la Cultura

11:55-12:10 New insights on the Cricetodontini (Cricetidae, Rodentia) from the Middle/Late Miocene of the Duero Basin (Spain): biostratigraphic implications. Arvidas Castillo-Marzo, Paloma López-Guerrero and M^aÁngeles Álvarez-Sierra.

12:10-12:25 New Insights on ground beetles (Coleoptera: Carabidae) from Baltic Amber. Sara Gamboa and Vicente M. Ortuño.

12:25-12:40 Preliminary results of a new late Miocene-early Pliocene new site in the Sierra del Colmenar (Bajo Segura Basin, S-E Spain). Arturo Gamonal, Vicente D. Crespo, Samuel Mansino, Rafael Marquina, Hugo Corbí, Jesús Soria, Francisco J. Ruiz-Sánchez and Plini Montoya.

12:45-13:30 Guest Lecture (Casa de la Cultura): James I. Kirkland

Utah's Outstanding Dinosaur Heritage

13:30-15:00 Lunch



Thursday 14th Afternoon Session

Life in Palaeozoic: an overview of land and sea ecosystems

Ayuntamiento de Alpuente

15:00-15:15 Can the semi-erect posture of modern echidna be considered as a proxy for interpreting the posture of early terrestrial tetrapods? Jordi Estefa, Paul Tafforeau, Stephen Wroe, Jozef Klembara, Jocelyn Falconnet, Damien Germain, Per E. Ahlberg and Sophie Sánchez.

15:15-15:30 Palynofacies analysis of the “Kajetanów limestones” (Wuchiapingian, Permian), Poland: preliminary results. Cristiana J. P., Esteves and Hartmut Jäger.

15:30-15:45 Synthesis on the state of “Thuringian” palynological record from the Iberian Peninsula and Balearic islands. Manuel Juncal, José B. Diez, Raúl de la Horra, José López-Gómez, Alfredo Arche and Jean Broutin.

15:45-16:00 Conodonts from the upper part of the Shizhou Member of the Yukiang Formation at Shizhou, Guangxi, South China. Jian-feng Lu, José Ignacio Valenzuela-Ríos, Guo-dun Kuang and Xiu-qin Chen.

16:00-16:15 The genus *Vysocania* Vaněk & Vokáč (Trilobita, Ordovician) – a reappraisal. Sofia Pereira, Petr Budil, Miguel Pires, Artur A. and Carlos M. da Silva.

16:15-16:30 Silurian conodonts of the Obejo-Valsequillo Domain (SW of the Iberian Massif). Pau Aragonés-Illanas, Graciela, N. Sarmiento and Juan Carlos Gutiérrez-Marco.

Tertiary ecosystems: evolution and palaeoenvironments

Casa de la Cultura

15:00-15:15 Mesowear of Late Miocene large herbivorous mammals from the Pikermian fauna of Greece and Iran: dietary and ecological implications. Tuomas Jokela.

15:15-15:30 A new mortality profile in fossil sites. Iris Menéndez, Ana R. Gómez-Cano and Manuel Hernández-Fernández.

15:30-15:45 Palaeoenvironmental changes across the Eocene-Oligocene boundary in the Central Paratethys based on calcareous nannoplankton assemblage. Anita Nyerges and József Pálfy.

15:45-16:00 Rodent fauna from the Early Pliocene site of Baza-1 (Granada, Spain): new data on the biostratigraphy of the Guadix-Baza Basin. Pedro Piñero, Jordi Agustí, Oriol Oms, Sergio Ros-Montoya, Juan Manuel Jiménez-Arenas and Bienvenido Martínez-Navarro.



General Palaeontology

Casa de la Cultura

16:00-16:15 The evolution of von Economo neurons: a problem among mammals. Juan P. Berrocal.

16:15-16:30 Social role and resources in palaeontological collections of museums. Sandra Illobre and Margarita Belinchón.

16:30-17:15 Coffe break

General Palaeontology

Ayuntamiento de Alpuente

17:15-17:30 Extant crocodylians as initial models for the endocast evolution analyses in Eusuchia, and neuroanatomical differences among crocodylia clades. Alejandro Serrano-Martínez, Francisco Ortega and Fabien Knoll.

17:30-17:45 Nature and learning: palaeontology as a pedagogical resource for outdoor education in sciences and mathematics in fifth grade primary teaching. Marçal Joanes-Rosés and Carlos Martínez-Pérez.

17:45-18:00. Testing the results of digital range of motion by manual manipulation of 3D printed skeletons. Daniel Vidaland Alejandro Serrano-Martínez.

General Palaeontology

Casa de la Cultura

17:15-17:30 The historical palaeontological collection 'Sogeresa' of the Departamento de Geografía, Geología y Medio Ambiente of the Universidad de Alcalá (Alcalá de Henares, Madrid, Spain). Julia Audije-Gil, Fernando Barroso-Barcenilla and Manuel Segura.

17:30-17:45 Dental microwear analysis using light or scanning electron microscopy - A comparison of the methods. Attila Virág and Bence Szabó.

17:45-18:00 Microscopic investigation of bone fossilization in aquatic environments. Marianthi Tzortzi, George Iliopoulos, Ioannis Iliopoulos and Vayia Xanthopoulou.

18:10-18:40 Keynote (Casa de la Cultura): Susan Turner

Tracking 'Gondwanan' (micro) fish



18:40-19:40 Guided visit to Alpuente (Palaeontological Museum, restoration room and dinosaur track sites)

19:40 Poster session and beer time (dinner included) in Casa de la Cultura

22:00 Departure to Titaguas

Friday 15th Morning Session

9:30-10:00 Keynote(Casa de la Cultura): Fabio Marco Dalla Vecchia

Triassic Pterosaurs, the first active vertebrate flyers

Palaeobiodiversity and evolution in the Mesozoic world

Ayuntamiento de Alpuente

10:10-10:25 A new goniopholidid from the lower Barremian of Galve (Teruel, Spain). Ignacio Arribas.

10:25-10:40 The application of Synchrotron X-Ray tomographic microscopy to the functional study of the conodont skeleton. Hanna Algora, Manuel Rigo, Michele Mazza, Nicolas Goudem and Philip C.J Donoghue and Carlos Martínez-Pérez.

10:40-10:55 Morphological classification of the coprolites from Las Hoyas site (La Huerguina Formation, Cuenca, Spain). Sandra Barrios-de Pedro.

10:55-11:10 Phylogenetic insights of ferns from the Upper Barremian of Las Hoyas (Cuenca, Spain). Candela Blanco-Moreno

New insights on Quaternary ecosystems

Casa de la Cultura

10:10-10:25 Taphonomic study of micromammal assemblage from level XII at Bolomor Cave (Valencia, Spain). Carolina Aparicio.

10:25-10:40 Relevance of bird migratory species in the Western Palearctic during the Plio-Pleistocene. Fernando Blanco.

10:40-10:55 Biogeographical patterns of European freshwater gastropods during the Quaternary. Elisavet Georgopoulou, Thomas A. Neubauer, Mathias Harzhauser, Andreas Kroh and Oleg Mandic.

10:55-11:10 Geophagy behaviour related to dietary habits in birds. Francisco Escobar Castro, Jonathan S. Pelegrin and Omid Fesharaki.



11:10-11:55 Coffe Break

11:55-12:25 Keynote (Casa de la Cultura): Israel M. Sánchez

Namibia: Diamonds and Fossils

Palaeobiodiversity and evolution in the Mesozoic world

Ayuntamiento de Alpuente

12:35-12:50 Study of the pelvis and hind limb of the Allodaposuchidae (Crocodyliformes, Eusuchia) from the Upper Cretaceous of Lo Hueco (Cuenca, Spain) Ane de Celis, Iván Narváez and Francisco Ortega.

12:50-13:05 On the presence of two different taxa of *Nothosaurus* (Reptilia, Sauropterygia) in the Triassic of the Iberian Peninsula. Carlos de Miguel-Chaves, Soledad García-Gil, Francisco Ortega and Adán Pérez-García.

13:05-13:20 Preliminary palynological analysis in the “Hoces de Beteta” Lower Cretaceous vertebrate sites (Cuenca, Central Spain). Natalia del Pino-Barbero, Fernando Barroso-Barcenilla and Paloma Sevilla-García.

13:20-13:35 A well preserved skull of the crested pterodactyloid pterosaur *Anhanguera* from the Lower Cretaceous of Brazil. Marco Filippini, Fabio Marco Dalla Vecchia, Barbara Favaretto and Michela Disarò.

New insights on Quaternary ecosystems

Casa de la Cultura

12:35-12:50 Brown bear (*Ursus arctos* L.) paleodiet by means of stable isotopes from the Upper Pleistocene and Holocene of the NW of the Iberian Peninsula. Ana García-Vázquez, Ana C. Pinto-Llona and Aurora Grandal-d’Anglade.

12:50-13:05 Influence of growth and trophic level in bone collagen stable isotopes of *Ursus arctos* from Pyrenees (Spain). Ana García-Vázquez, Victor Sauqué, Raquel Rabal-Garcés, Ricardo García-González, Gloria Cuenca-Bescós and Aurora Grandal-d’Anglade.

13:05-13:20 Large mammals from the Mousterian (Late Pleistocene) Cave of Abauntz (Arraitz, Navarra). Víctor Jerjo-Toma, Gloria Cuenca-Bescós, Carlos Mazo and Pilar Utrilla.

13:20-13:35 Palaeoecological inferences on the Pleistocene deposits of Charadros River (Sichena, NW Peloponnesus, Greece). Maria Tsoni.

13:35-15:00 Lunch



Friday 15th Afternoon Session

Palaeobiodiversity and evolution in the Mesozoic world

Ayuntamiento de Alpuente

15:00-15:15 Histology of the skull and pectoral girdle in *Metoposaurus krasiejowensis* (Amphibia, Temnospondyli) from the Upper Triassic of Poland. Kamil Gruntmejer, Elżbieta M. Teschner and Dorota Konietzko-Meier.

15:15-15:30 First palynological datation of the Triassic Eslida Formation (Buntsandstein facies in the SE Iberian Ranges). Manuel Juncal, José B. Diez, Raúl de la Horra, Belén Galán-Abellán, Violeta Borrueal-Abadía, José López-Gómez, and Alfredo Arche.

15:30-15:45 Conodonts from the area of Budapest (Hungary): key elements for Middle Norian conodont zonation? Viktor Karádi.

15:45-16:00 The record of *Thalassinoides*-bearing deposits at the Lower Toarcian (Lower Jurassic) of the Fonte Coberta section (NW, Portugal). Olmo Míguez-Salas, Francisco Javier Rodríguez-Tovar and Luís Vítor-Duarte.

16:00-16:15 Late Jurassic sauropod teeth from the Lusitanian Basin. Pedro Mocho, Rafael-Royo-Torres and Francisco Ortega.

16:15-16:30 A horseshoe crab hot spot in the Early Triassic of the Catalan Pyrenees (NE Iberian Peninsula): a preliminary ichnological study. Eudald Mujal, Zain Belaústegui, Josep Fortuny, Arnau Bolet, Oriol Oms and José Ángel López.

16:30-16:45 Taphonomic approach to the vertebrate remains of the “Hoces de Beteta” Lower Cretaceous sites (Cuenca, Central Spain). Irene Prieto Saiz, Fernando Barroso-Barcenilla, Óscar Cambra-Moo and Paloma Sevilla-García.

16:45-17:00 Late Cretaceous Vertebrate Coprolites from Iharkút (Western Hungary) and their paleoecological significance. Martin Segesdi, Attila Ósi, Krisztina Buczkó, Emese Réka Bodor and Zsolt Dallos.

New insights on Quaternary ecosystems

Casa de la Cultura

15:00-15:15 Small vertebrates and reconstruction of Pleistocene habitats in the Baranica Cave (Eastern Serbia). Mihailo Jovanović, Dragana Đurić and Katarina Bogičević.

15:15-15:30 Structure and composition of tooth enamel in Quaternary soricines (Mammalia) from Spain. Raquel Moya-Costa, Gloria Cuenca-Bescós, Blanca Bauluz and Juan Rofes.



15:30-15:45 Turnover in dominant suid lineages in Turkana Basin area 2 Ma ago. Janina Rannikko, Indre Zliobaite and Mikael Fortelius.

15:45-16:00 Paleontological data about the small-mammals assemblage from the Late Pleistocene of Kaldar Cave (Khorramabad Valley, Iran). Iván Rey-Rodríguez, Juan Manuel López-García, Hugues-Alexandre Blain, Mónica Fernández-García, Laxmi Tumung, Xosé Pedro Rodríguez-Álvarez, Andreu Ollé and Behrouz Bazgir.

16:00-16:15 Palaeoecological analysis of Late Pliocene and Pleistocene cervids from Hungary. Bence Szabó and Attila Virág.

16:15-16:30 Galician aurochs: a morphologic, metric and isotopic study. Amalia Vidal-Gorosquieta, Aurora Grandal-d'Anglade, Marcos Vaquero-Rodríguez and Juan Ramón Vidal-Romaní.

16:30-16:45 Portalón del Tejadilla: new contributions to the ecosystems of the Castilian plateau during the Late Pleistocene. Alicia Sanz, Nohemi Sala, Milagros Algaba and Juan Luis Arsuaga.

16:45-17:00 Palaeophytogeography of *Castanea sativa* Mill. during the Quaternary in Central Spain. Sandra Robles-López¹, Sebastián Pérez-Díaz and José Antonio López-Sáez

17:00-17:45 Poster session and coffee break

17:45-17:55 Presentation of the new Master in Paleontology of the UV

17:55-18:05 Presentation of Transmitting Science specialized postgraduate courses and workshops. Soledad de Esteban-Trivingo.

18:05-18:15 Presentation of the Paleontological Spanish Society news.

18:15-19:00 Guest Lecture (Casa de la Cultura): Marc Furió

Plio-Pleistocene shrews (Soricidae, Mammalia): palaeobiology, biostratigraphy and climatic-forced extinctions in Europe.

19:00-19:15 IMERP-EJIP Closure, including future proposals.

19:15-20:00 Guided visit to Alpuente (Palaeontological Museum, restoration room and dinosaur track sites).

21:30 Closure dinner and Disco.