MONDAY 5th

8:30 – 10:00 Registration and distribution of documents

Opening session

10:00 – 10:30 Opening session by the authorities

Session 1. Methods, taphonomy, dating

Chair: Andrew C. Scott

10:30 – 11:30 Keynote: Short tree ring series: the study materials of the dendro-anthracologist
Dominique Marguerie

11:30 – 12:00 Coffee break

12:00 – 12:20 Working with WODAN – an online charcoal database
Ingelise Stuijts and Lorna O’Donnell

12:20 – 12:40 Vitrification and craft fire in occidental Mediterranean. Describing characteristics, first results and research hypothesis
Christophe Vachalde, Aline Durand and Jacques Thiriot

12:40 – 13:00 Measuring burn temperatures from charcoal using the reflectance method, first results from an Irish Bronze Age cremation site
Robyn Veal, Lorna O’Donnell and Laura McParland

13:00 – 13:20 Scanning the historical and scientific significance of charcoal production – local scale, high resolution kiln site anthracology at the landscape level
Thomas Ludemann

13:20 – 13:40 Methodological approaches towards the quantification and identification of charcoal samples retrieved from archaeological sites
Ellen O’Carroll and Fraser Mitchell

13:40 – 14:00 Charcoal as tracer of local tree taxa in the Pleistocene loess field of Central Europe. Which relationship with flora, vegetation, landscape or climate?
Freddy Damblon and Paul Haesaerts

14:00 – 16:00 Lunch

16:00 – 16:20 Differential preservation of anthracological material and mechanical properties of wood charcoal, an experimental approach of fragmentation
Julia Chrzażewicz, Isabelle Théry-Parisot, Jean-Frédéric Terral, Alexandre Ducom and Gilbert Fiorucci

16:20 – 16:40 Charcoal analysis and wood diameter: a deductive approach for the study of firewood collecting practices
Isabelle Théry-Parisot, Julia Chrzażewicz, Auréade Henry, Sandrine Paradis-Grenouillet

with the contribution of Alain Carré and Claire Delhon

Session 2. Wood and charcoal anatomy. Problems and solutions

Chair: Isabelle Théry-Parisot

16:40 – 17:40 Keynote: Wood and charcoal anatomy: Problems and solutions
Werner H. Schoch

17:40 – 18:00 Archaeological charcoal from the African Rainforest. Describing and defining wood types from a diverse environment
Alexa Hoehn

18:00 – 18:20 The multipurpose date palm “tree”: anatomical identification of modern palm stems and practical application in the archaeological site of Madâ’in Sâlih (Saudi Arabia)
Charlène Bouchaud, Romain Thomas and Margareta Tengberg

18:30 Welcome reception at the Faculty of Geography and History
TUESDAY 6th

9:00 – 9:20  Wood anatomy microanalysis for dendrochronological and palaeoenvironmental reconstruction. Prehistoric woody plants from the southeast of the Iberian Peninsula
Mireia Celma

9:20 – 9:40  Wood and charcoal anatomy in species of the Brazilian cerrado: effect of carbonization on wood structure
Thais A.P. Gonçalves, Camen R. Marcati and Rita Scheel-Ybert

Session 3. Pedo-anthracology and Pre-Quaternary charcoal
Chair: Thomas Ludemann

9:40 – 10:40  Keynote: What is natural: the role of palaeoenvironmental research in reconstructing the history of continental ecosystems
Antonio Martinez Cortizas

10:40 – 11:00  Evidence from charcoal of fire regimes in the Cretaceous of Alberta, Canada
Sarah A. E. Brown, Andrew C. Scott, Margaret E. Collinson and Dennis Braman

11:00 – 11:30  Coffee break

11:30 – 11:50  Evidence of fire regimes in the Pleistocene of the California Islands
Andrew C. Scott, Mark Hardiman, Nicholas Pinter and R. Scott Anderson

11:50 – 12:10  Soil charcoal analysis: a tool to investigate non-linear abrupt changes in ecosystems
Vincent Robin, Anne-gret Larsen, Hans-Rudolf Bork and Oliver Nelle

12:10 – 12:30  Main data and general insights of recent soil charcoal investigations on nine sites in Central Europe
Vincent Robin and Oliver Nelle

12:30 – 12:50  Charcoals in dunes – an example from Northern Germany
Doris Jansen, Uta Lungershau sen, Vincent Robin and Oliver Nelle

12:50 – 13:10  Pedaanthracology and dendroecology: two complementary approaches applied to old forest history
Brigitte Talon, Philippe Touflan, Mélanie Saulnier, Vincent Robin, Diane Cattenoz, Laurent Hardion, Loïc Botta, Maryse Alvitre, Jean-Louis Edouard and Frédéric Guibal

13:10 – 13:30  Subalpine forest history and dynamics in the French Alps (Queyras)
Mélanie Saulnier, Brigitte Talon and Philippe Touflan

14:00 – 16:00  Lunch

16:00 – 17:00  POSTERS: SESSIONS 1, 2 and 3

18:30 – 19:30  Visit to the Botanical Garden
19:30  Tasting of orxata in the Hesperides' Garden

WEDNESDAY 7th

Session 4. Archaeological charcoal: natural or human impact on the vegetation
Chair: Rita Scheel-Ybert

9:00 – 10:00  Keynote: Charcoal analysis in Preventive Archaeology: combining culture heritage management with scientific research in the A75 motorway (Clermont l’Héraul t - Béziers, Southern France)
Isabel Pigueiral, Laurent Fabre and Christophe Tardy

10:00 – 10:20  The fire of Iberian Neanderthals. Wood charcoal from three new Mousterian sites in the Iberian Peninsula
Ernestina Badal, Valentin Villaverde and João Zilhão

10:20 – 10:40  Environment and plant economy during the Mesolithic in the Haut-Quercy (Lot, France): anthracological and carpological data
Auréade Henry, Laurent Bouvy and Nicolas Valdeyron

10:40 – 11:00  Vegetation dynamics, human impact and exploitation patterns in the Paris Basin through the Holocene: palynology vs. anthracology.
Chantal Leroyer, Sylvie Coubray, Gisèle Allenet, Jeanne Perrière and Jean-Marie Pernaud

11:00 – 11:30  Coffee break
11:30 – 11:50 Fire history in southern Sweden during the past 11500 years: relationships with climate and human impact and the role of fire in forest dynamics
Cui Qiao-Yu, Marie-José Gaillard, Geoffrey Lemdahl and Jonas Wäglin

11:50 – 12:10 Neolithic wood usages: examples from the lowlands of Germany
Doris Jansen and Oliver Nelle

12:10 – 12:30 Woodland and its use in central Bosnia during the late Neolithic. Results from anthracological investigations in the Visoko-basin
Tim Mattis Schroeder, Robert Hofmann, Martin Furholt, Johannes Müller and Oliver Nelle

12:30 – 12:50 Charcoal analysis for the Neolithic of the Ionian Islands, western Greece: the case of Drakaina Cave at Poros, Kephalonia
Maria Ntinou and Georgia Stratouli

12:50 – 13:10 On the distribution of deciduous oak in the second half of the Holocene in northern Syria
Katleen Deckers

13:10 – 13:30 Environmental and social changes recorded in the charcoal remains of Arslantepe (Anatolia) from 3350 to 2000 years BC
Alessia Masi, Laura Sadori and Diego Sabato

13:30 – 13:50 Evolution and management of humid landscapes in Northern Dauphiné (Rhône valley, France): contribution of charcoal and wood studies
Claire Delhon, Nicolas Bernigaud, Jean-François-Berger and Stéphanie Thiébault

14:00 – 16:00 Lunch

**Chair:** Lydia Zapata

16:00 – 16:20 People and woodlands: an investigation of charcoal remains as indicators of cultural selection and local environment in Bronze Age Ireland.
Lorna O’Donnell

16:20 – 16:40 Integrated archaeobotanical studies in a protohistoric settlement of Central Spain: El Llano de la Horca (Santorçaz, Madrid)
Paloma Uzcárate, Cosimo D’Oronzo, Girolamo Fiorentino, Blanca Ruiz-Zapata, Mª José Gil-García, Gonzalo Ruiz-Zapatero, Gabriela Márteins, Miguel Contreras and Enrique Baquedano

16:40 – 17:00 Vegetal roofs analysis from Las Paleras fortification. Human impact during IX-Xth centuries AD (Alhama de Murcia, Spain)
Mireia Celma and José Baños

17:00 – 17:20 Iron Age and Roman woodworking in the Northwest of the Iberian Peninsula
Maria Martin and Yolanda Carrión Marco

17:20 – 17:40 Woodland transformation under palaeogeographic constraints and fuelwood use on a coastal lagoon during the Antiquity, according to charcoal analysis (The Prés-Bas villa and Le Bourbon, Loupian, Hérault)
Lucie Chabal, Isabel Figueiral, Christophe Pellecuer and Iouri Bermond

17:40 – 18:00 Charcoal analysis from Lixus (Larache, Morocco)
Elena Grau Almero

21:30 Meeting Dinner

**THURSDAY 8th**

**Chair:** Oliver Nelle

**9:00 – 9:20** Preliminary anthracological study of the Taza site (Western Algeria)
Amrani Samira and Bouyahiaoui Azzedine

**9:20 – 9:40** Vegetation history over the last 2500 years: a multi-site approach in Maremma (Tuscany, Italy)
Mauro Buonincontri, Emilia Allevato and Gaetano Di Pasquale

**9:40 – 10:00** The Romans, the wood and the forest: state of the art and new data from the Vesuvius area (Naples, Italy)
Daniela Moser, Oliver Nelle and Gaetano Di Pasquale

**10:00 – 10:20** Forest management and territorial practices during the Early Middle Ages in the medium mountain of Mont Lozère (France). A combined approach of charcoal and palynological analyses.
Sandrine Paradis-Grenouillet, Gabriel Servera Vives, Philippe Allee, Yannick Miras, Santiago Riera Mora, Marie Claude Bal-Serin and Ramon Julia
10:20 – 10:40 Classic period wood use at monumental centers in northwestern Mesoamerica
Michelle Elliot

10:40 – 11:00 Plants for life and death: evidence of use of plant resources in funerary activities of shellmound builders through the anthracological analysis of Jabuticabeira-II site (Santa Catarina, Brazil)
Gina Faraco Bianchini and Rita Scheel-Ybert

11:00 – 11:30 Coffee break

11:30 – 11:50 Wood charcoal production and forest dynamics in the Pedra Branca Massif, Rio de Janeiro, RJ, Brazil
Mariana Beauclair, Alisson Rangel, Rogério Ribeiro de Oliveira and Rita Scheel-Ybert

11:50 – 12:10 Rethinking human impact on prehistoric vegetation in Southwest Asia: socioeconomics and long-term fuel/timber acquisition strategies at Neolithic Çatalhöyük
Eleni Asouti

12:10 – 13:30 POSTERS: SESSIONS 4 and 5

13:30 – 15:30 Lunch

Session 5. Ethnographical data of wood and charcoal use

Chair: Ingelise Stuijts

15:30 – 16:30 Keynote: Interpretation of firewood management as a socio-ecological indicator
Alexa Dufraisse

16:30 – 16:50 The very beginning of anthracological investigation
Arne Paysen

16:50 – 17:10 Polynesian earth ovens and their fuels: interpretation of wood charcoal remains from Anaho Valley, Nuku Hiva, Marquesas Islands
Jennifer M. Huebert, Melinda S. Allen and Rod T. Wallace

17:10 – 17:30 People, trees and charcoal: some reflections about the use of ethnoarchaeology in archaeological charcoal analysis.
Llorenç Picornell Gelabert

17:30 – 17:50 Bronze Age firewood exploitation in south eastern Iberia: a study focusing on wood diameter estimation
Maria Soledad García Martínez and Alexa Dufraisse

17:50 – 18:10 Wood-charcoal in a ritual context at La Bastida de les Alcusses (Moixent, Valencia, Spain)
Yolanda Carrión Marco, Jaime Vives-Ferrándiz Sánchez, Guillermo Tortajada Comeche and Helena Bonet Rosado

18:10 – 18:30 The cremation structures of the Roman Empire: anthracological data versus historical sources
Carine Cenzon-Salvayre and Aline Durand

18:30 – 18:50 Firewood selection in Roman cremation rituals in Northern Gaul: ritual, functional or opportunistic?
Koen Deforce and Kristof Haneca

18:50 – 19:15 Congress closure and publication instructions

19:15 – 20:15 Visit to the Museum of Prehistory
20:15 Reception in the Museum of Prehistory of Valencia

FRIDAY 9th

8:00 Excursion
Depart to Excursion from Av. Blásco Ibáñez 28.
Faculty of Geography and History. University of Valencia