



18TH CONFERENCE OF THE INTERNATIONAL
WORKGROUP FOR PALAEOETHNOBOTANY

SCIENTIFIC PROGRAM

		MONDAY	03 June 2019
08:30-09:30		Reception	
9:30 - 10:30		Introduction and Welcome (Room 7)	
10: 30 - 11:00		COFFEE BREAK	
11: 00 - 12: 00		In Memory of M. Follieri & G. Hillman (Room 7)	
		Session 1: ORIGINS AND DIFFUSION OF CULTIVATED PLANTS (Room 7)	
12.00-12.15	Fuller D.Q.	Secondary domestication of grain crops: parallelisms evolving under entrenched farming	
12.15-12.30	Gopher A., Abbo S.	The cultural distinction between plant domestication and crop evolution: The question of Resolution	
12.30-12.45	Weide A., Riehl S., Zeidi M., Conard N.J.	Pre-agricultural subsistence strategies in the Early Neolithic of the Zagros Mountains: moving beyond a focus on the "wild progenitor species"	
12.45-13.00	Longford C., Stewart K., Jones G., Wallace M., Brown T.	ADAPT: Spread of Crops in Neolithic Europe	
13:00 - 14:30		LUNCH	
14.30-14.45	Endo E., Nasu H., Gaskevych D., Yanevich A., Pashkevich G., Videiko M.	Ukraine as the crossroad for agricultural dispersal in Eurasia	
14.45-15.00	Filipović D., Meadows J., Dal Corso M., <i>et al.</i>	Ex Orienteseges: the arrival and establishment of broomcorn millet in Europe	
15.00-15.15	Margareta M., George W., Maria R., Carolyne D., Andréa P.	Vegetation and plant exploitation at Pre-Pottery Neolithic Ayios Tychonas-Klimonas with special focus on the introducing of crop plants from the continental Near East	
15.15-15.30	Mosulishvili M., Bedoshvili D., Rusishvili N., Maisaia I.	Georgia, the South Caucasus as the Origin Place of Triticum spelta	
15.30-15.45	Castillo C.	Agricultural transitions in Prehistoric Southeast Asia: switching from dryland to wetland rice economies	
15.45-16.00	Hunt H., Krzyzanska M., Crema E., Jones M.	Crops, Pollinators and People: constraints on the origins and spread of buckwheat	
16.00-16.15	Martin L., Herrscher E., Rusishvili N., Lebedeva E., Hovsepyan R., Longford C., Messenger E.	Was millet domesticated in the Caucasus? First appearance of Panicum miliaceum and Setaria italica: an archaeobotanical and isotopic approach	

16:15 - 16:45		COFFEE BREAK
16.45-17.00	Jesus A., Bonhomme V., Evin A., Ivorra S., Salavert A., Martin L., Bouby L., Antolín F.	The status of <i>Papaver somniferum</i> as a crop in Neolithic Europe. First results of the application of geometric morphometrics to distinguish between wild and domestic seeds
17.00-17.15	Salavert A., Zazzo A., Antolín F., Martin L., et al.	New Radiocarbon dates for the early dispersal of Opium poppy (<i>Papaver somniferum</i> L.) in Western Europe
17.15-17.30	Pagnoux C., Bouby L., Bonhomme V., Ivorra S., Gkatzogia E., Karathanou A., Kotsachristou D., Valamoti S.M., Terral J-F.	Grapevine (<i>Vitisvinifera</i> L.) domestication and viticulture history in Greece from Neolithic to the Archaic period: insights from geometric morphometric analyses of archaeological grape seeds
17.30-17.45	El Dorry M.A., Bouchaud C., Pagnoux C., Redon B., Boussac M.-F., Saleh R.	Agriculture-Viticulture in the New Kingdom-Early Roman Egyptian Delta
17.45-18.00	Nasu H.	Domestication of soybean, azuki, and barnyard millet in Japan
18.00-18.15	Bouchard C., Dabrowski V., Dal-Prà P., Letellier-Willemin F., et al.	Absolute chronology of cotton dispersal in Arabia and Africa
18.15-18.30	Spengler III R.S.	Shifting Seed-Dispersal mechanisms during Early plant domestication
18.30-18.45	Wallace M., Martin P., Russell J., Bonhomme V., Stillman E., Timpany S.	Going beyond barley: adaptation and importation of barley varieties to Northern Scotland
18.45-19.00	Andreasen M. H.	Parallel worlds in the Neolithic: Coastal hunter-gatherers in Southern Scandinavia. An interdisciplinary investigation of the Pitted Ware Culture

TUESDAY 04 June 2019		
Session 1: ORIGINS AND DIFFUSION OF CULTIVATED PLANTS (Room 7)		
08.30-08.45	Stevens C.	Identifying the processes of selection in the evolution of domesticated millets in Northern China
08.45-09.00	Hovsepyan R.	On plant economy in the Middle Bronze age in the South Caucasus
09.00-09.15	Mueller-Bieniek A., Kapcia M., Moskal-del Hoyo M., Nowak M.	Plant used by people of the Funnel Beaker culture at Mozgawa site, S Poland
09.15-09.30	Minkevicius K.	From Hilltops to Hillforts: Archaeobotany of Prehistoric settlements in the South-East Baltic
09.30-09.45	Antolín F., Steiner B.L., Martínez-Grau H., Rottoli M., Banchieri D.G., Grassi B.	Early farmers in the Southern Alps: results of the Archaeobotanical investigation of the lakeshore site of IsolinoVirgina (Varese, Lombardy)
09.45-10.00	Toulemonde F., Daoulas G., Bonnaire E., Riquier V., Wiethold J., Zech-Matterne V.	A brief history of plants in a region of Northeastern France: 6,000 years of crop introduction in the Plain of Troyes, Champagne, France

10.00-10.15	Kreuz A., Pomázi P., Osztás A., Oross K., Marton T., Petrasch J., Domboróczki L., Raczky P., Bánffy E.	Agricultural and dietary strategies as cultural decisions? Archaeobotanical results from 58 Neolithic sites of the Linearbandkeramik, Late Starčevo, Late Körös, AlföldLinearbandkeramik and Szakálhát distribution areas (D, AU, HUN)
10.15-10.30	Sarpaki A.	Neolithic Farming at Knossos: revisiting older archaeobotanical material
10:30 - 11:00		COFFEE BREAK
11.00-11.15	Fairbairn A.S.	Revision of the crop history of Aceramic Neolithic Canhasan III, Karaman, Turkey
11.15-11.30	Ulaş B.	The Contribution of the İstanbul-Yenikapı archaeobotanical remains to the Discussion on Agriculture Origin and Diffusion
		Session 3: INTEGRATED AND INTERDISCIPLINARY APPROACHES (Room 7)
11.30-11.45	Bishop R. R., Church M. J., Taylor B., Gray-Jones A., Warren G. M.	Nuts about the Mesolithic? Experimental and archaeological insights into hazelnut taphonomy
11.45-12.00	Karg S.	Interwoven – Archaeology, botany and the technical know-how of producing plant fibres in the Neolithic
12.00-12.15	Azorín M.B., Stika H.-P., Valamoti S.M.	Distinguishing ripe spelt from processed green spelt (Grünkern): Methodological aspects and the case of Hochdorf (Vaihingen.a.d.Enz, Germany)
12.15-12.30	Vignola C., Masi A., Sadori L.	Three-thousands-years record of climate and agriculture in Turkey: the isable isotopes approach to plant remains from Arslantepe
12.30-12.45	Aguirre C., Parra L., Piqué R.	Ethnoarchaeology of agroecological farming systems in the Equatorial Andes: from the system context of agrobiodiversity to the formation of archaeobotanical carpological contexts
12.45-13.00	Hagenblad J.	The history of barley cultivation in the Canary Islands as told by ancient and extant DNA
13:00 - 14:30		LUNCH
14.30-14.45	Rowan E.	Eating in the Italian countryside: a reconsideration of Roman literary sources in light of the archaeobotanical evidence from rural sites in Italy
14.45-15.00	Marrero C.S., Lancelotti C., Madella M.	Plant foodways at Çatalhöyük – a multi-proxy perspective
15.00-15.15	Buffington A.	Pastoral Economies in the Old World Tropics and millet exploitation
15.15-15.30	Kingwell-Banham E.	Phytoliths as indicators of irrigation across Asia. Paper in memory of Dr Alison Weisskopf
15:30-16:45	??	Introduction to Workshops and Laboratories
16:15 - 16:45		COFFEE BREAK
		Free Laboratory (Room 6)
16:45 - 19:00	Parallel Laboratories:	Laboratory: Nakedwheats (Room 4) LaboratoryLegumes (Room 5)
20:00		Welcome Cocktail (Monastery of Olivetani)

WEDNESDAY**05 June 2019****Session 3: INTEGRATED AND INTERDISCIPLINARY APPROACHES (Room 7)**

08.30-08.45	Pokorná A., Kočár P.	Immigration history of synanthropic flora in Central Europe - Implication for better understanding of changes in agricultural system
08.45-09.00	Andonova M.	Archaeobotany of Baskets of South-east Europe?
09.00-09.15	Le Moyne C., Bleasdale M., Desideri J., Besse M., Power R., Crowther A., Boivin N.	Use of Dental Calculus to discern plant use amongst pastoralists from Kadruka 1 and 21, Sudan
09.15-09.30	Cartwright L.	Ancient starch analysis at Neolithic Boncuklu
09.30-09.45	Fuks D., Dunseth Z. C., Langgut D., Butler H., Yan X., Boaretto E., Tepper Y., Bar-Oz G., Shahack-Gross R., Weiss E.	Dung in the dumps: a comparative study of seeds, phytoliths and pollen in dung pellets and refuse deposits at Early Islamic Shivta, Negev, Israel
09.45-10.00	Fuks D., Dunseth Z. C., Langgut D., Butler H., Yan X., Boaretto E., et al.	Wine fit for a king: Identifying ancient grape varieties using a novel morphological 3D key
10.00-10.15	Stroud E., Bogaard A., McKerracher M.	Investigating the emergence of Early Medieval English open field agriculture using crop stable isotopes and functional weed ecology
10.15-10.30	Demicoli M.	The invisible fruits: the presence of fruit and nut trees in Chinese Neolithic sites as identified from anthracology
10:30 - 11:00		COFFEE BREAK
11.00-11.15	Out W., Mieth A., PlaRabes S., Khamnueva-Wendt S., Madella M., Dreibrodt S., Langan C., Bork H-R.	Prehistoricpigment production at Rapa Nui (1200-1650 AD)
11.15-11.30	van Amerongen Y.F., Kroonen G.J.	The introduction and distribution of cultivated plants and their accompanying weeds in Europe from ca. 8000 – 800 BCE based on linguistics and archaeobotany
11.30-11.45	McClatchie M.	Investigating places of assembly in later prehistoric Ireland through isotopic analysis of charred cereal grains
11.45-12.00	Tolar T., Galik A., Rosenberg E., Le Bailly M., Caf N., Andrič M., Toškan B., Bužan E., Zver L., Janžekovi	What infos can we get from the analyses of the Late Neolithic dog (<i>Canisfamiliaris</i>) excrements?
12.00-12.15	Livarda A., Picornell-Gelabert L., Orenco H., Riera-Mora S., et al.	Foodways, plant and landscape management in Minoan Crete: Palaikastro in context
12.15-12.30	Dilkes-Hall I.E., Davis J., Malo H.	Using experimental archaeology to understand the archaeobotanical record: a multi-proxy investigation of mid-Holocene fruit processing in Goonyandi Country, Northwest Australia
12.30-12.45	Valamoti S.M., Maria S., Petridou C., Heiss A.G., Azorin M.B., Stika H.-P., et al.	<i>Sitos</i> : an interdisciplinary investigation of 'cereal food' in the ancient Greek world integrating literary sources, experimentation, food science, archaeobotany and scanning electron microscopy

12.45-13.00	Bouby L., Wales N., Jalabadze M., Rusishvili N., Bonhomme V., Ivorra S., Evin A., et al.	Tracking the history of cultivated grapes (<i>Vitisvinifera</i>) in Georgia combining archaeobotany, geometric morphometrics and ancient DNA
13:00 - 14:30		LUNCH
14.30-14.45	Noryskiewicz A.M., Badura M., Osipowicz G., Jankowski M., Weckwerth P.	Humans in the Environment: Plants and Landscapes in Mesolithic in the Paliwodzizna (Dobrzyń Lakeland, Northern Poland)
14.45-15.00	Warham G.	Functional attributes as a tool for understanding the process of cereal and pulse domestication
		Session 4: PLANTS AND SOCIETY (Room 7)
15.00-15.15	Henríquez P., Morales J., Vidal-Matutano P., Rodríguez A.	The contribution of the granaries of pre-Hispanic Gran Canaria (Spain, 500-1500 AD) to the study of past methods of plant food storage
15.15-15.30	Seabra L., Santos F., Vaz F.C., Tereso J.P.	Fortified storage areas in the Late Iron Age in NW Iberia: evidence for surplus production and controlled redistribution?
15.30-15.45	Reuter A. E.	Is the storage running out? New approaches on the security of supply from the 6th century granary of the early byzantine city Caričin Grad (Serbia)
15.45-16.00	Margaritis E.	The Dawn of Urbanisation in Europe: mobilising the recourses of the marginal landscapes of the Aegean Bronze Age
16.00-16.15	Deckers K.	On the significance of olive arboriculture in the Early Bronze Age Levant
16:15 - 16:45		COFFEE BREAK
16:45 - 19:00		POSTERS SESSION (Building 5, ground floor)

THURSDAY 06 June 2019		
		Session 4: PLANTS AND SOCIETY (Room 7)
08.30-08.45	Heiss A. G., Galik A., González Cesteros H., Liedl H., Thanheiser U., Waldner A., Ladstätter S.	One Man's Leftovers Is Another Man's Feast: Plant material from a votive pit in Terrace House 2 in Ephesus, Turkey
08.45-09.00	Außerlechner M., Putzer A., Steiner H., Oeggel K.	Plant use and rites at burnt-offering sites in inner-alpine areas of Northern Italy during the Bronze and Iron Age
09.00-09.15	Frumin S., Weiss E.	The archaeobotanical connection between Hera and the Philistines: Iron Age Samos and Tell es-Safi/Gath
09.15-09.30	Capparelli A., López M. L.	Ceremonial maize of the south-Central Andes: a picture of variability and processing at Inka expansion times on the base of charred macroremains
09.30-09.45	Vandorpe P.	Food for the afterlife? Contribution of the archaeobotanical evidence in Roman cremation graves to burial practices in Switzerland
09.45-10.00	Badura M., Noryskiewicz A. M., Kosmaczewska A., Nowak S., Michalik J., Grupa M.	Plants for the final journey - archaeobotanical exploration of the 18th c. children's burials in the Holy Trinity church (sanctuary of the Divine Mother Queen of Krajna) in Byszewo (Poland)
10.00-10.15	Montes E. M.	Plants-derived remains in ritual context in Qubbet el-Hawa, Aswan, Egypt

10.15-10.30	Lagerås P.	A fragrant grave – the well-preserved plants of a mummified 17th century bishop
10:30 - 11:00		COFFEE BREAK
11.00-11.15	Mariotti Lippi M., Giachi G.	Pollen Content of a Roman Medical Remedy (Pozzino, Italy, II cent. BC)
11.15-11.30	Beydler K.	From Farm to Pharmacy: Loliumtemulentum in Roman agriculture and medicine
11.30-11.45	Eichhorn B., Neumann K., Wotzka H. P.	The late Iron Age persistence of pearl millet in the Inner Congo Basin (ICB): Beer or food – was millet ever a staple in the African lowland rainforest?
11.45-12.00	Abdeen M., Hamdeen H. M.	Some Plants Drinking and their Religious and Social Meaning in Sudan Case study: Hulu-Mur, Abreha and Sherbot
12.00-12.15	Stika H. P.	Advances in the knowledge of ancient beer brewing and reconstruction of its taste
12.15-12.30	David M., Weiss E.	Slaves or artisans? A miner's diet in the Southern Levant
12.30-12.45	Hondelink M.	The common and the rare: an overview of Early Modern Dutch food consumption based on archaeobotanical cesspit data
12.45-13.00	Diffey C., Bogaard A., Charles M., Neef R.	'Farming the city': Agriculture and storage in the Bronze Age
13.00-13.15	Alonso N., López D., Cardona R., Morer J.	Wheat and Vine, Flour and Wine: Crop Storage and Plant Food Processing at the Iron Age Iberian settlement of ElsEstinclells (Verdú, Catalonia, Spain)
13.15-13.30	Haas J. R.	Community Identity and Culinary Traditions-Foodways in the Western Great Lakes, North America
13:30 - 14:30		LUNCH
14.30-14.45	Wasylikowa K., Moskal-del Hoyo M., Czarnowicz M., Ochal-Czarnowicz A., Milewski Y., Yekutieli Y.	Early Bronze Age plant assemblages from the Tel Erani site, Israel
14.45-15.00	Langgut D.	Early Roman royal gardens: an archaeobotanical comparison between east and west Mediterranean gardens
15.00-15.15	Ryan P.	Lessons from the past; contextualising underutilised crops, a case study from the middle Nile valley
15.15-15.30	Preiss S.	"They all smell the same (though...) but their content may be different: looking at Late Medieval human excrements and garbage pits in the County of Hainaut, Southern Low Countries"
15.30-15.45	Walshaw S.	Food and Trade at Ancient Kilwa, Tanzania: archaeobotanical and historical evidence from the ninth to fifteenth centuries
15.45-16.00	Ergun M.	Inferring plant-related activities and food plant processing at an early neolithic settlement in Central Anatolia, AşıklıHöyük
16.00-16.15	Filatova S., Kirleis W.	Food production in the Bronze Age Danube River region: the case of Kakucs-Turján, Hungary
16:15 - 16:45		COFFEE BREAK
		Workshop: ERC projects (Room 2)
16:45 - 19:00	Parallel Workshops	Workshop: Public archaeobotany (Room 3)
		Workshop: National and international archaeobotanical networks (Room 7)
20:00		SOCIAL DINNER (Torre del Parco)

FRIDAY**07 June 2019****Session 2: AGRICULTURAL PRACTICES AND PALAEOECONOMY (Room 7)**

09.30-09.45	Wiethold J.	Melon (<i>Cucumis melo</i> L.) – a marker of the Romanization process in northern and northeastern Gaul and the Roman provinces? Determination, agricultural history and archaeobotanical evidence
09.45-10.00	Dabrowski V., Bouchaud C., Tengberg M.	The adoption of summer crops in the Arabian Peninsula: a critical review of the evidence
10.00-10.15	Reed K. A.	A taste of Empire: reconstructing foodways in Roman Pannonia
10.15-10.30	Košňovská J.	What would have been the archaeobotanical signals of luxury status of the site without discovering the Americas? The case of Prague castle in the Early Modern period and ethnobotanic meaning of the new useful plants
10.30-10.45	Milon J., Bouchaud C., Cucchi T., Millet M., Zazzo A., Ruas M. P.	Agricultural economy and the development of cotton cultivation during the Meroitic period (4th c. BC - 5th c. AD) in central Sudan: seed, fruits and morphometric analyses at Mouweis
10:45 - 11:15		COFFEE BREAK
11.15 - 11.30	Hosoya L. A.	Rice and the Formation of Complex Society in East Asia: Reconstruction of Cooking through Pot Soot and Carbon Deposits Pattern Analysis
11.30-11.45	Melamed Y.	Underground Storage Organs as a food resource in the Paleolithic Hula valley, Israel
11.45-12.00	García-Granero J. J., Lymperaki M., Tsirtsis K.	A microbotanical approach to plant preparation and consumption in the prehistoric Aegean
12.00-12.15	GonzalezCarretero L., Fuller D. Q.	Baking vs Boiling: the analysis of archaeological food products from West and East Asia
12.15-12.30	Florin S. A.	65,000 years of plant food use at Madjedbebe, Northern Australia
12.30-12.45	Badal E., Aura J. E., Jordá J. F., Zilhão J.	Different? The consumption of pine nuts (<i>Pinus pinea</i>) among the Middle Paleolithic Neanderthals and the Upper Paleolithic modern humans of Iberia
12.45-13.00	Martínez-Varea C. M.	Fruits to eat, leaves to weave. Archaeobotanical analysis of Upper Palaeolithic levels of Cova de les Cendres (Alicante, Spain)
13.00-13.15	Rösch M., Fischer E., Lechterbeck J., Sillmann M., Tserendorj G., Wick L., Märkle T., Marinova E.	Field-Grass-Economy and manuring in Southwest Germany between Bronze Age and Modern Times according to on-site and off-site archaeobotanical evidence
13.15-13.30	Figueiral I., Chevillot P., Court-Picon M., Forrest V., Martin S., Pomarède H., Ponel P., Tardy C.	Mas de Vignolles XIV (Nîmes, Gard, Southern France): different perspectives on land use and management from the Protohistory to the Middle Ages
13:30 - 14:30		LUNCH
14.30-14.45	Orendi A.	Cultivation of Flax (<i>Linum usitatissimum</i> L.) at Tel Burna, Israel
14.45-15.00	Tereso J. P., Seabra L., Costa Vaz F.	To be or not to be Roman: indigenous, Roman-indigenous and Roman impact in agriculture and food consumption in NW Iberia

15.00-15.15	CemreUstunkaya M., Wright N., Nath Singh R., Petrie C. A.	Environmental choices of Indus people
15.15-15.30	Bogaard A., Charles M., Ergun M., Fairbairn A., et al.	25 years of archaeobotany at Çatalhöyük: what we have learned
15.30-15.45	Bates J., Nath Singh R., Petrie C. A.	A view from the villages: disentangling 'multi-cropping', agricultural adaptation and resilience in the Indus Civilisation.
15.45-16.00	Cullen N. T., Russell S., Motta L.	Interpreting Millet and Bitter Vetch in Iron Age-Roman Italy
16.00-16.15	Gkatzogia E., Valamoti S. M.	Archaeobotanical investigations of dietary habits and subsistence strategies in Northern Greece during the Iron Age
16:15 - 16:45		COFFEE BREAK
		Laboratory: Image Analysis (Room 6)
16:45 - 19:00	Parallel Laboratories:	Laboratory: New Glume wheats (Room 4) Laboratory: Millets (Room 5)

SATURDAY 08 June 2019		
Session 2: AGRICULTURAL PRACTICES AND PALAEOECONOMY (Room 7)		
08.30-08.45	Ryabogina N., Nasonova E., Potapova A., Sergeev A., Borisov A.	Ancient and Medieval agriculture of the North Caucasus, Russia
08.45-09.00	Dinies M.	Djerba Island (Southern Tunisia) about 2000 years ago: More than purple and fishes – local horticulture
09.00-09.15	Madella M., García-Granero J., Cárdenas M., Cubas M., Suryanarayan A., Ajithprasad P.	Prehistoric foodways in Northern Gujarat, India
09.15-09.30	Oeggel D. K., Außerlechner M., Zagermann M.	Food Supply of a Late Roman Castrum (450 – 800 AD) in Giudicarie esteriori, Trentino (Italy)
09.30-09.45	ArranzOtaegui A., Roe J., Pantos A., Santana Cabrera J., Richter T.	Plant provenance as a proxy for mobility during the transition from foraging to farming in southwest Asia
09.45-10.00	Whitlam J., Bogaard A., Charles M.	Local variability in plant management and consumption at early Holocene sites in the southern Levant: new insights from PPNA Sharara
10.00-10.15	Malleson C. J.	Thirty Years of Archaeobotany at the Pyramids (Giza, Egypt)
10.15-10.30	Kühn M.	Plant based diet and landscape management at the Late Iron Age (150-80 BC) proto-urban settlement of Basel-Gasfabrik (Switzerland) and its hinterland.
10:30 - 11:00		COFFEE BREAK
11:00 - 13:00		Conclusion and Remarks (Publication/next IWGP in 2022)