



ICAZ



# PZAF

POSTGRADUATE  
ZOOARCHAEOLOGY FORUM  
ZAGREB, CROATIA '23

## BOOK OF ABSTRACTS

24th-26th MAY 2023  
UNIVERSITY OF ZAGREB  
FACULTY OF HUMANITIES  
AND SOCIAL SCIENCES



HRVATSKO  
ARHEOLOŠKO  
DRUŠTVO



Zavod za  
arheologiju



INSTITUT ZA  
ARHEOLOGIJU  
THE INSTITUTE OF ARCHAEOLOGY



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KRAPINSKIH  
NEANDERTALACA



Filozofski fakultet  
Sveučilišta u Zagrebu

arheološki  
muzej  
u zagrebu  
archaeological  
museum  
in zagreb



Zagreb

HRZZ  
Hrvatska zaklada  
za znanost

# 10<sup>th</sup> Postgraduate Zooarchaeology Forum

24<sup>th</sup>-26<sup>th</sup> May 2023

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Archaeological Museum in Zagreb

Krapina Neanderthal Museum

Zagreb Tourist Board

Program

24<sup>th</sup> of May

9:30 – 10:00 CONFERENCE OPENING

SESSION 1: Palaeolithic Hunting Party

10:00 – 10:35 **Keynote lecture: Archaeozoology in Croatia: A personal perspective**

Siniša Radović

10:35 – 10:55 **Early exploitation of bears in Schöningen and other Palaeolithic open-air sites**

Ivo Verheijen

10:55 – 11:15 **Counting Fragments: A New Holistic Approach to Quantifying ZooMS-Identified Bone Fragments for Analysis**

Megan A. Saunders *et al.*

11:15 – 11:35 **New data from combining ZooMS and archaeozoology to reconstruct subsistence strategies and paleoenvironmental contexts during the Uluzzian in Italy**

Sara Silvestrini *et al.*

11:35 – 11:50 Coffee break

11:50 – 12:10 **Prey mobility at the Upper Palaeolithic Yana site complex, Russia**

Wouter Bonhof

12:10 – 12:30 **The domestication of dogs revisited: Palaeogenetical and morphological data from Goyet Cave**

Aristeidis Strimenopoulos

12:30 – 12:50 **Pleistocene Zooarchaeology and Taphonomy at Abrigo da Buraca da Moira (Central Portugal)**

Alexandre Paya *et al.*

12:50 – 14:20 Lunch break

SESSION 2: Ironing the Antiquity

14:20 – 14:55 **Keynote lecture: A horse with a name. A journey through the human-horse relationship in the Early Iron Age southeastern Alpine region**

Borut Toškan

14:55 – 15:15 **Ritual patterns? Exploring the taphonomy of the Late Hellenistic site of Vodica, Northeastern Bulgaria**

Stella Nikolova

15:15 – 15:35 **Feast, Famine or Fancy: Iron Age relationships to marine molluscs**

Holly Young

15:35 – 15:55 **Canid Caves: The Fauna of Fishmonger's Swallet**

Jessica Peto *et al.*

15:55 – 16:10 Coffee break

16:10 – 16:30 **Morphological diversity of dogs from Przeworsk culture in the territory of Poland**

Zuzanna Majbrodzka

16:30 – 16:50 **The Roman Equids from Lisbon: the remains of Praça da Figueira and Sommer**

Ana Beatriz Santos, Roshan Paladugu

16:50 – 17:10 **The Late Antique dietary habits in Western Serbia: a case study of the Čačak – Dvorište Gimnazije site**

Mladen Mladenović *et al.*

17:10 – 17:45 **Keynote lecture: Vets as Archaeozoologists**

Tajana Trbojević Vukičević

25<sup>th</sup> of May

CONFERENCE EXCURSION

26<sup>th</sup> of May

SESSION 3: Historical Beasts (and Where to Find Them)

10:00 – 10:35 **Keynote lecture: What do geneticists do in zooarchaeology?**

Vlatka Čubrić Čurik *et al.*

10:35 – 10:55 **From the wetlands to the farmyard: The presence and role of domestic geese and ducks in Zuid Holland, 150-1700 AD**

Noé de Segovia de Kraker

10:55 – 11:15 **Bones of the Northumbrian Landscape – A New Zooarchaeology of Jarrow Anglo-Saxon Monastery**

Megan Leake

11:15 – 11:30 Coffee break

11:30 – 11:50 **Underrated for too long? Guinea pigs in pre-colonial Peru**

Céline Erauw

11:50 – 12:10 **Identifying cultural and dietary changes through archaeozoology: a case study from the early modern stratum in the area of the El Kal Viejo (Old Synagogue in Belgrade**

Maja Kokanović

12:10 – 12:30 POSTER SESSION

12:30 – 14:00 Lunch break

SESSION 4: Neolithic Workshop

14:00 – 14:35 **Keynote lecture: Animal disease and archaeology**

László Bartosiewicz

14:35 – 14:55 **Aurochs to Cattle: investigating the Mesolithic – Neolithic Transition in the Basque Country using Sequential Strontium, Oxygen and Carbon Isotopes**

Hector Kelly *et al.*

14:55 – 15:15 **Domestic animals in the early Neolithic of the Pannonian Plain: animal husbandry and patterns of settlement seasonality at the Gospodinci-Nove zemlje site**

Danica Grujić

15:15 – 15:35 **Re-writing archaeology. The Chiomonte-La Maddalena Neolithic alpine site (Piedmont, Italy): review and integration of zooarchaeological assessment from 1988 to 2022**

Alessia Monticone *et al.*

15:35 – 15:55 **Fashion Objects or Religious Trend? About the animal perforated teeth in the funerary caves from the Carvalhal de Aljubarrota valley (Alcobaça, Portugal) during the 4th and 3rd millennium BCE**

Cátia Delicado

15:55 – 16:10 Coffee break

SESSION 5: Archaeozoology – Making the World a Better Place

16:10 – 16:30 **Isotope provenancing of modern moose in Scandinavia: a computational workflow for (zoo)archaeological applications**

Elena Armaroli *et al.*

16:30 – 16:50 **The Deer Turn: Reimagining Nature and Culture Duality Through Human - Red Deer Relations in Scotland's Archaeological Past**

Kath Page

16:50 – 17:10 **Osteological Re-analysis of Falconry in Britian: A Case Study of Raptors from Faccombe Netherton**

Hannah D. Britton *et al.*

17:10 – 17:30 **A Future for Fallow Deer: Management and Repercussion**

Jack Sudds

17:30 – 17:50 **ARCHAEOWILD: Modern problems require ancient perspectives**

Dimitrije Marković *et al.*

17:50 CLOSING CEREMONY

19:00 Conference dinner

*Fakin Craft Bar*

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## **SESSION 5:**

# **Archaeozoology – Making the World a Better Place**

Dimitrije Marković<sup>1\*</sup>, Mirko Vranić<sup>1</sup>, Amalia Sabanov<sup>1</sup>, Teodora Mladenović<sup>1</sup>, Teodora Radišić<sup>1</sup>, Mihailo Radinović<sup>1</sup>

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**ABSTRACT:** The usual answer to the age-old question of "why do we need archaeology today" often sounds like "because in order to tackle the modern problems, we need to understand the way past societies dealt with them". The project ARCHAEOWILD, funded by the Science Fund of Republic of Serbia, tries to understand the Holocene history of the Human – Wildlife conflict and coexistence. This will provide modern conservation and wildlife management experts with an elaborate overview of the spatial and temporal distribution of wild animals and plants in the Central Balkans from the Mesolithic to the Middle Ages. Our goal is to use a large amount of biomolecular data, including aDNA and C/N stable isotopes, to provide a new understanding of the paleoecology of wild animals that were frequently hunted during the Holocene period, such as red deer and brown bear. We will also investigate the reasons behind the regional disappearance of globally extinct mammals such as the aurochs and European wild ass, while also examining the origins of exotic wildlife, such as fallow deer and leopards.

On the other hand, another important question has been popping up regularly in the last couple of years. "*Why do we need archaeologists*", which especially targets the younger generations on the verge of their academic careers. Universities have started shutting down archaeology departments, leaving fewer options for the newly graduates, who end up searching for a career change. Again, projects such as ARCHAEOWILD can be a good example of dealing with this type of issue, since six out of eight people employed were post-graduate students at the start of the project, while for the three of them this was their first job in the field.

**Keywords:** human-wildlife conflict; aDNA; stable isotopes; postgraduate perspectives