

5th Experimental Archaeology Seminar Hunting and violence tools in prehistory

Dates: 3rd (online), 5th and 6th October

Location: online and MAC-Empúries (L'Escala, Spain)

The study of hunting tools in prehistory is key to the archaeological research. Spears, thrusters, and other devices appear at different times, but using the bow, which has been documented since the Upper Paleolithic, represents a revolutionary technological achievement. Throughout prehistory, bows and arrows have been present with variations in the raw materials used, the processing techniques, the morphology and uses. Despite being a recurrent aspect in archaeological research, conceptions about the use of bows have often been biased. Experimental approaches have been crucial to understanding technology and the everyday life of past societies, correcting these biases.

This seminar aims to understand the basic processes of obtaining materials, as well as their transformation and use. It includes online presentations and experimental activities to make bows, strings and arrows, with expert teachers in archaeology and prehistory.

Program:

October 3 **Online theoretical session (English, Spanish and Catalan).**

10.00 **Presentation** - *Jusèp Boya*, director of the MAC.

10.15 **Presentation of the operation of the seminar** - Dr. *Oriol López-Bultó* (MAC).

10.30 **Technology of the bow and arrow in the Neolithic** - Dr *Jürgen Junkmans* (independent researcher).

11.30 BREAK

12.00 **El arco y el cesto: una mirada de género a la prehistoria reciente a través del arte levantino** - Dra. *Esther López Montalbo* (CNRS).

13.00 **Proyectiles líticos en la Prehistoria** - Dr. *Mikel Aguirre* (UPV/EHU) i Dr. *Antoni Palomo* (UAB).

13.30 LUNCH

15.00 **Processos d'obtenció i elaboració de cordes d'arc durant la prehistòria** - Dra. *Susagna Romero-Brugués* (IPHES/URV)

15.30 **Las armas de caza en materias orgánicas de los primeros Homo sapiens en Eurasia. Una evaluación de los aspectos técnico-económicos desde un enfoque multidisciplinar** - Dr. *José-Miguel Tejero* (UB)

16.00 **Presentation of issue 2 of the MAC Digital Journal "Arqueodebats"** on the 3rd MAC Experimental Archaeology Seminar, The use of plant fibres in prehistory and protohistoric.

16.30 CLOSING OF THE THEORETICAL SESSION

October 5 - MAC-Empúries (L'Escala, Spain)

9.00-20.00 **Experimental bow and strings day** - participants will begin the experimental process of making their bow starting from the raw material and experimenting with the first technical processes of elaboration using materials and techniques documented in prehistory and protohistory. They will also begin and finish the experimental process of making a string for the bow. Throughout the day, participants will be able to observe the

experiments of specialized teachers who will also guide and advise them during their experimental work (teachers: Àngel de la Llave, Santiago Faro, Anna Homs).

October 6 - MAC-Empúries (L'Escala, Spain)

9.00-20.00 **Experimental bow and arrow day** - participants will continue and finish with the experimental process started the previous day of making their bow experimenting with the technical processes of completion using materials and techniques documented in prehistory and protohistory. They will also start and finish the experimental process of making arrows. Throughout the day, participants will be able to observe the experiments of specialized teachers who will also guide and advise them during their experimental work (teachers: Àngel de la Llave, Santiago Faro, Antoni Palomo).

Who it is for: archaeology professionals, museum professionals and students of archaeology and heritage management.

Format and registration:

- **October 3, 2024**, online theoretical day (free activity).
- **October 5 and 6, 2024**, face-to-face experimental days at MAC-Empúries, for a small group of 12 people, €125. The price includes attendance at the two experimental days, classes and guidance of the teaching staff, materials for the workshops, accommodation at MAC-Empúries (shared room), meals and final arch. Prior reservation and payment must be made at www.mac.cat

Languages: Spanish, Catalan and English

Publication: the proceedings of the seminar will be published in the MAC digital magazine: Arqueodebats

Duration: 3 days

Organised by: Museum of Archaeology of Catalonia

With the collaboration of Universitat Autònoma de Barcelona

For more information about registration or about the

organization: macvisites.acdpc@gencat.cat

For more information about MAC-Empúries (access, timetables,...):

972 77 02 08 macempuries.cultura@gencat.cat