



## **TITLE**

**Prehistoric peoples in changing coastal environments**

## **LAB & PEOPLE**

- Name of the hosting lab: ICAREHB – Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour

General activities of the lab: Field and laboratorial research in Prehistory and Human Evolution applying Archaeological Science.

Website: [www.icarehb.com](http://www.icarehb.com)

Number of staff / PhD: 35 Integrated researchers, 24 Master/PhD students

- Supervisor name and contact: Carlos Duarte Simões – [cdsimoes@ualg.pt](mailto:cdsimoes@ualg.pt)

## **TOPIC OF THE INTERSHIP**

- Scientific context of the internship:  
Have you ever wondered how sea-level change and the advent of agriculture affected the lifeways of coastal populations in the European Prehistory? The aim of this internship is to train the student in theoretical and practical aspects of geoarchaeological research, with emphasis on micromorphology of prehistoric coastal sites, although other contexts can be addressed, according to the interests of the student. The student will be offered the possibility of taking the Geoarchaeology class of the Masters's program at the University of Algarve (UAlg) (depending on availability in the semester he/she chooses). The student will have opportunity of investigating prehistoric coastal societies of the Mesolithic and Neolithic and understand the formation of shell middens and other type of coastal settlements on the advent of agriculture. Other activities include analysing the fauna and plant resources present at these sites from an Environmental Archaeology perspective. The host centre at UAlg, the ICAREHB, provides a dynamic and international community of researchers and students and a lively environment for networking, apart from library and laboratory facilities to conduct the tasks of the internship. Overall, it is aimed that the student can apply the learnings and resources acquired during the internship in his/her Masters' thesis project and help preparing a future scientific career.

Keywords: Environmental Archaeology, Geoarchaeology, Mesolithic, Neolithic, Shell middens

### **Bibliography:**

- Goldberg, P. and R. I. Macphail (2006). Practical and theoretical geoarchaeology. Oxford, Blackwell.



## 2023 Master internship at University of Algarve

- Carvalho, A. F. (2010). Chronology and geography of the Mesolithic-Neolithic transition in Portugal. On pre- and earlier history of Iberia and Central Europe: studies in honour of Philine Kalb. A. T and H. M. Bonn, Habelt: 45-61.
- Marchand, G. (2014). Préhistoire atlantique. Fonctionnement et Évolution des Sociétés du Paléolithique au Néolithique. Arles, Éditions Errance.
  
- Tasks and duties entrusted to the student: processing and analysis of soil micromorphology samples, short field trips, participating in the scientific activities at ICAREHB.
  
- Skills to be acquired or developed: Scientific research in geoarchaeology, stratigraphy and archaeological soil micromorphology

### PROFILE OF THE DESIRED STUDENT

- Minimum level of study required: 1st cycle of studies in Bologna/Bachelor degree/Undergraduation in the fields of History, Archaeology or Geosciences
- Field(s) of study: Archaeology, Prehistory, Geoarchaeology
- Scientific skills: Recognise archaeological materials (ceramic, stones tools, bone), knowledge of European Prehistoric Archaeology
- Language skills required: good level of understanding and communication in English

### THE INTERNSHIP ASSIGNMENT:

Desired duration of the internship (in months): 4 months (can be flexible according to the student availability)

Desired Starting date of the mission: September 2023 or February 2024 (can be flexible according to the student availability)

Indicative weekly schedule: 35h / week

Remuneration: Not available

Erasmus grant: Application should be made by the student at the sending institution

Internship agreement: an internship agreement will be signed.

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*To SEA-EU students:*

*If you're interested please send your CV and letter of motivation to the scientist in charge, cdsimoes@ualg.pt.*