



## **Hands-on approach to textile tools: documentation, functionality and use-wear. Textile tools from Bronze Age Malia, Crete, as a case study**

EuroWeb, in collaboration with the Ecole française d'Athènes, the University of Florence and the INSTAP SCEC, is organising a one-week training school on hands-on approach to textile tools. The objective of the course is to familiarise trainees with the textile technology and, specifically, with the functionality of textile tools. The abundant archaeological evidence for textile production from the Bronze Age site of Malia on Crete is our case study. The training school offers short introductory lectures, hands-on learning, and experimental/experiential activities. The trainees will study and recreate Minoan textile tools, and will learn to spin and weave using them. A maximum of 8 participants will be accepted for the school, which is designed for Ph.D. students or Early Research Investigators interested in ancient textile technology, textile archaeology and Minoan daily life. Participants should be members of the COST Action CA 19131 and have an e-COST account.

### **The School will offer a combination of lectures and hands-on practice on:**

- Minoan textile production;
- Minoan textile equipment;
- Petrography;
- Spinning;
- Setting up the warp-weighted loom;
- Weaving;
- Archaeological documentation of spindle whorls and loom weights.

### **Short Programme**

Day 0 – Arrival and Welcoming (02/07/23)

#### **Day 1 (03/07/23)**

##### ***Morning (9:00-13:00) - Presentation and preparation activities.***

Theory: Introduction to spinning and weaving, functional properties of spindle whorls and loom weights, use-wear. Introduction to studies of the Minoan textile tools; introduction to experience archaeology/hands-on learning: methods and limitations.

Hands-on activities: creating copies of tools with local or bought clay (these loom-weights are only made for exercise and won't be used in the Training School) (E. Alberti, A. Ulanowska, K. Sarri);

##### ***Afternoon (15:00-19:00)***

Hands-on activity: cleaning raw wool, spinning wool and flax, documenting spinning experience using a documentation form (A. Ulanowska, K. Sarri). Functional documentation of spindle whorls.

#### **Day 2 (04/07/23)**

##### ***Morning (9:00-13:00)***

Theory: Introduction to band weaving, function and properties of a starting border. Hands-on activities: Designing patterns and warp in a rigid heddle, weaving a simple band (if enough time, we can start to weave a starting border (A. Ulanowska, K. Sarri);



**Afternoon (15:00-19:00)**

Introduction to petrography at the INSTAP SCEC at Pacheia Ammos (E. Nodarou) (tbc).

**Day 3 (05/07/23)**

**Morning (9:00-13:00)**

Hands-on activities: weaving starting borders on rigid heddles, setting up a warp-weighted loom (A. Ulanowska, K. Sarri);

**Afternoon (15:00-19:00)**

Hands-on activities and a visit to the site of Malia (E. Alberti);

**Day 4 and 5 (06 – 07/07/23)**

**Morning (9:00-13:00)**

Hands-on activities: Weaving on the warp-weighted loom, finishing textiles. Functional documentation of loom weights. If enough time, documenting woven textiles using documentation forms. (A. Ulanowska, K. Sarri).

**Afternoon (15:00-19:00)**

Hands-on activities and visits to nearby sites or villages in the late afternoons. E.g. Sissi, Gournia, Kritsa;