



## AEGEAN BRONZE AGE TEXTILE PRODUCTION TECHNIQUES – SPINNING AND WEAVING



BISKUPIN

### EXPERIMENTAL ARCHAEOLOGY WORKSHOP IN WARSAW



The Department of Aegean Archaeology, Institute of Archaeology, University of Warsaw and the Biskupin Archaeological Museum kindly invite for  
**“AEGEAN BRONZE AGE TEXTILE PRODUCTION TECHNIQUES – SPINNING AND WEAVING”**  
EXPERIMENTAL ARCHAEOLOGY WORKSHOP in Warsaw on 23-26 June 2014.

#### The organizers

The workshop will be organized and conducted by experienced archaeologists and researchers:

- Agata Ulanowska, PhD – a senior lecturer at the Institute of Archaeology, University of Warsaw, archaeologist of the Aegean Bronze Age and experienced teacher in weaving techniques [<http://www.archeo.uw.edu.pl/szablon.php?id=1207>]
- Anna Grossman, MA – a head of the Research Department of the Biskupin Archaeological Museum, archaeologist and experienced technician in experimental spinning and weaving. She has been performing textile workshops in the Biskupin Archaeological Museum since 1980-ties, in order to popularize North European textile production techniques.

#### Place of venue

The workshop “AEGEAN BRONZE AGE TEXTILE PRODUCTION TECHNIQUES – SPINNING AND WEAVING” will be conducted in the Institute of Archaeology, University of Warsaw. A small textile workshop was set up in the Department of Aegean Archaeology in order to undertake experimental archaeology tests in weaving [<http://www.archeo.uw.edu.pl/szablon.php?id=1208>; <https://www.facebook.com/zaeiauw>]. In the tests conducted since 2011, mostly of exploratory character, experimental archaeology is applied as a teaching tool.

For the use of participants there are several spindles with spindle whorls (copies of the BA Aegean artifacts), several band looms, two warp-weighted looms of Scandinavian type, as well as several sets of loom weights, which are the copies of Aegean Bronze Age artifacts reconstructed by students.

### **Aim of the workshop**

The main aim of the workshop "AEGEAN BRONZE AGE TEXTILE PRODUCTION TECHNIQUES – SPINNING AND WEAVING" is to teach and practice the basic "body knowledge" of spinning and weaving. During 3 days the participants will be practically introduced into spinning and weaving techniques. The last, 4<sup>th</sup> day is devoted to visit a unique Centralne Muzeum Włókiennictwa (the Central Museum of Textile Production) in Łódź [<http://www.muzeumwlokiennictwa.pl/>].

There is also a possibility of an **excursion to the Biskupin Archaeological Museum** (June 27<sup>th</sup> - June 28<sup>th</sup> 2014) [[http://www.biskupin.pl/asp/en\\_start.asp?typ=14&menu=85&strona=1](http://www.biskupin.pl/asp/en_start.asp?typ=14&menu=85&strona=1)], one of the largest and oldest archaeological park in Europe. It is worth to know that the first experimental archaeology tests in Biskupin were undertaken already in the 50-ties of the last century, during so called "archaeological camps" for students of archaeology in Poland. Nowadays there is an attempt to reconstruct there various everyday activities of people in the prehistory: from animal breeding, house building to ancient production techniques.

Because of the large distance from Warsaw, there is a necessity of 1-night stay in Biskupin. The excursion is extra paid. The price (including transport, entrance fees and accommodation) is approx. 120-180 Euro (depending on number of participants). There is no pre-payment for the excursion.

### **Practical information**

#### Deadline for applications:

Participants are kindly requested to apply by mail by February 28<sup>th</sup> 2014, to Agata Ulanowska: [agatula@uw.edu.pl](mailto:agatula@uw.edu.pl)

#### Fee:

The price (including costs of all materials and an excursion to Łódź) is **280 Euro**.

There is a limit of 10 participants only.

The accepted participants should done their payments between **March, 1<sup>st</sup> and April, 31<sup>st</sup>, 2014**

#### Payment details:

Bank: Bank Millenium S.A.

Account Number with SWIFT: PL 95 1160 2202 0000 0000 6084 9522

SWIFT: BIGBPLPWXXX

**Please write your name and "Experimental Archaeology Workshop in Warsaw" on the payment form**

### **Accommodation**

The organizers do not provide the accommodation or booking.

Some recommended low budgeted hotels and hostels in Warsaw:

- "Hera" University Hotel, address: Belwederska 26/30 str, 00-594 Warsaw, booking: /48 22/ 55 310 04, 851 51 38, email: [herarezew@adm.uw.edu.pl](mailto:herarezew@adm.uw.edu.pl), www: <http://www.uw.edu.pl/kandydat/hera.html>
- "Hostel Tamka", Tamka 30 str, 00-355 Warsaw, booking: /48 22/ 826 30 95, email: [tamka@hostel.pl](mailto:tamka@hostel.pl), www: <http://www.tamkahostel.com/>
- "Puffa Hostel", Solec 50 str, 00-382 Warsaw, booking: /48 22/ 622 97 99, www: <http://www.puffahostel.pl/eng/>
- "Mazowiecki Hotel", Mazowiecka 10 str, 00-048 Warsaw, booking: /48 22/ 827 23 65, email: [mazowiecki@hotelewam.pl](mailto:mazowiecki@hotelewam.pl), www: <http://hotelewam.co.uk/636-hotel-mazowiecki-warsaw.html>
- "Harenda Hotel", Krakowskie Przedmieście 4/6 str, 00-333 Warsaw, booking: /48 22/ 826 00 71, email: [rezerwacja@hotelharenda.com.pl](mailto:rezerwacja@hotelharenda.com.pl), www: <http://www.hotelharenda.com.pl/369.html>



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#### PROGRAM

Day 1, June 23<sup>rd</sup> 2014 – Spindle-spinning

**Introduction:** Fibers used in the Aegean Bronze Age. Spindle-spinning technique. Parameters and functionality of spindle-whorls.

**Activities:** Spinning wool and flax (tow)

Day 2, June 24<sup>th</sup> 2014 – Weaving bands and starting borders. Loom with a rigid heddle

**Introduction:** Mechanics of weaving. Band looms and starting borders. The possible knowledge of the loom with a rigid heddle in the Aegean BA. Documentation of band weaving process.

**Activities:** Setting up and weaving bands and starting borders on a loom with a rigid heddle. Finishing.

Day 3, June 25<sup>th</sup> – Weaving on a warp-weighted loom

**Introduction:** Setting up the warp-weighted loom. Parameters and functionality of loom weights. Documentation of weaving process, documentation of woven textiles.

**Activities:** Setting up the loom and weaving on the warp-weighted loom. Finishing

Day 4, June 26<sup>th</sup> 2014 – Excursion (by train) to the Centralne Muzeum Włókiennictwa (the Central Museum of Textile Production) in Łódź [<http://www.muzeumwlokiennictwa.pl/>].

Day 5-6, June 27-28<sup>th</sup> 2014 – Excursion (optional, by bus) to the Biskupin Archaeological Museum [[http://www.biskupin.pl/asp/en\\_start.asp?typ=14&menu=85&strona=1](http://www.biskupin.pl/asp/en_start.asp?typ=14&menu=85&strona=1)].