

IHU Summer School 2016

# ANCIENT TECHNOLOGY & ANCIENT ECONOMIES

## Fees and Accommodation

The tuition fees are **500€**. Participants will have to cover their own travel, accommodation and everyday expenses. Participants can choose accommodation from a variety of options, with prices starting from 150€ for the whole 2 weeks. The **extra fees** for the optional 3<sup>rd</sup> week of field project (excavation) are **100€**.

## Discounts

- 10%: **early birds** (for registration by 10 April 2016)
- Total fees of **350€** in case of pre-payment by 10 May 2016

## Application Procedure

The Summer School on Ancient Technology and Ancient Economies welcomes applicants from a wide range of educational backgrounds. Participants can be undergraduate students and graduates of related disciplines (Archaeology, Architecture, Museology, Conservation Studies, History, Tourism, Political Science, Engineering, Economics etc.). Applications from other professionals with an interest in archaeology and ancient technology will also be taken into consideration.

In order to apply, you need to:

- Complete the online application form
- For administrative information (accommodation, visas, etc) contact: [p.seremetis@ihu.edu.gr](mailto:p.seremetis@ihu.edu.gr)
- For further academic information, contact [g.aristodemou@ihu.edu.gr](mailto:g.aristodemou@ihu.edu.gr)

All applicants will be notified of admission decisions by e-mail within 10 working days of receipt of their application.

For details and more information please visit the website: [www.hum.ihu.edu.gr](http://www.hum.ihu.edu.gr)



Thessaloniki  
**04-15**  
July 2016

# ANCIENT TECHNOLOGY & ANCIENT ECONOMIES

Summer School 2016

## Programme Summa

Progress and innovation in technology were of exceptional importance for the development of ancient societies and has been of great interest to many disciplines. This year, the International Hellenic University Summer School is focusing on Ancient Technology and Ancient Economies offering the opportunity to study how technological achievements of ancient cultures could regulate and promote commercial activities; subjects such as how the diffusion of improved infrastructural, organizational and mechanical technologies facilitated the production and distribution of agricultural and industrial goods, or how the transfer of technology provided enough motivation and a good impetus for ancient societies to reach high levels of economic progress and prosperity, will be discussed.

In the course of the programme, the latest historical research along with state-of-the-art scientific techniques applied to the analysis of archaeological findings will be presented by senior academics and field archaeologists who are experts in their research areas.

### EXCAVATION (18-22 JULY 2016)

One week field project (optional)

## Structure of the Programme

### INVENTIONS AND INNOVATIONS

- Faience and glass: the first 'high tech' products
- The invention and the necessity of metric systems
- The invention and early diffusion of coinage
- The innovation of ashlar masonry in building technology
- The role of timber in building technology

### PRODUCTS MANAGEMENT AND TRANSFER

- Early capital investments in land transport and cargoes
- The network of Inscribed stirrup jars and the craftsmen in first Greek texts
- Luxury items and their circulation: toreutics
- Luxury items and their circulation: ceramics
- The Antikythera Shipwreck: Freight, Trade and Economy during the Hellenistic Era
- Harbors and Harbor cities in antiquity

### MODERN TECHNOLOGY AND ANCIENT ECONOMIES

- Investigation of alloys in metal equipment of ancient societies
- Restoration principles of ancient buildings
- Geophysical methods in the detection of buried antiquities
- Modern technology in documenting and exhibiting antiquity

### Keynote Lecturer

Theodosios Tassios - *National Technical University of Greece*

### Guest Lecturers

Magdalini Anastasiou - *Aristotle University of Thessaloniki*

Georgia Aristodemou - *International Hellenic University*

Panagiotis Athanasopoulos - *Lechaion Harbour Project, University of Copenhagen*

Themis Veleni - *Telloglion Foundation of Art, AUTH*

Orestis Kourakis - *Fulbright Artist, Photographer, AMTh*

Anna Michailidou, *The National Hellenic Research Foundation*

Clairy Palyvou - *Aristotle University of Thessaloniki, Greece*

Marina Panagiotaki - *University of the Aegean*

Charikleia Papageorgiadou - *The National Hellenic Research Foundation*

Vassileios Petrakis - *The National Hellenic Research Foundation*

John Seiradakis - *Aristotle University of Thessaloniki*

Athanasios Sideris - *Economic University of Prague*

Anastasios Tanoulas - *Committee for the Conservation of the Acropolis Monuments*

Eleuthera Tsakanika - *National Technical University of Greece*

Charis Tselios - *Hellenic Ministry of Culture and Sports*

Despoina Tsiafakis - *'Athena'- Research & Innovation Center*

Grigorios Tsokas - *Aristotle University of Thessaloniki*

### Programme Director

Dr Anna Michailidou - *The National Hellenic Research Foundation*

### Scientific Coordinator

Dr Georgia Aristodemou - *International Hellenic University*

### Working Hours

For the period of two (2) weeks (Monday to Friday) eighteen (18) lectures will be offered (10.00 - 12.30 hrs & 14.00 - 16.30 hrs).

Total duration 50 hours, plus hours for Museum and Site Visits. All lectures will be in English and will be held at the International Hellenic University, Thessaloniki, Greece.

### Course Credits

A Certificate of Attendance will be provided at the end of the program to all participants who have fulfilled the course requirements. Students/graduates taking the course for credit at their home institutions will also have to deliver an Essay paper in order to obtain **5 ECTS credits**. **Essays should be between 4000-7000 words in length**. Since degree requirements vary among universities, students/graduates are advised to ensure, preferably in advance, that their college or university will recognize such certification and award the suggested credits.