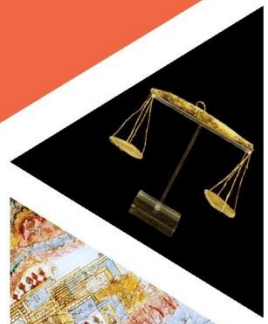
IHU Summer School 2016

ANCIENT TECHNOLOGY & ANCIENT ECONOMIES

INTERNATIONAL HELLENIC UNIVERSITY

www.ihu.edu.gr | Greece

Thessaloniki
04-15
July 2016



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

EXCAVATION (18-22 JULY 2016)

One week field project (optional)

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 // Eleutheria 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

CONTACT INFORMATION

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INTERNATIONAL HELLENIC UNIVERSITY
SCHOOL OF HUMANITIES

4th SUMMER SCHOOL
IN

ANCIENT TECHNOLOGY AND ANCIENT ECONOMIES

04 – 15 JULY 2016

Scientific Director, Dr Anna Michailidou,
Research Director Emerita
Scientific Coordinator, Dr Georgia Aristodemou

04.07.2016, Introductory Lecture

Technology and Economy in Ancient Greece

Professor Emeritus, Theodosios Tassios

04.07.2016

Ashlar Masonry & the Evolution of Building Techniques

Professor Clairy Palyvou

05.07.2016

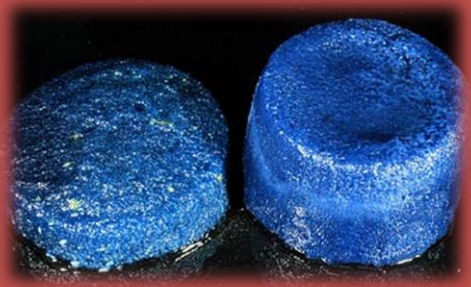
The role of timber in Minoan Neopalatial Building Technology

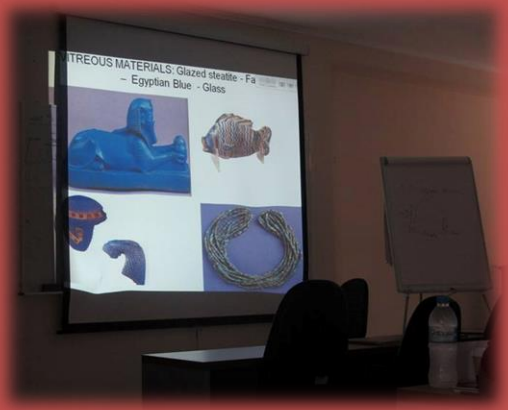
Ass. Prof. Eleftheria Tsakanika

06.07.2016

Faience and early Glass: the first 'high tech' products

Ass. Prof. Marina Panagiotaki





06.07.2016

Investigation of alloys in metal equipment of ancient societies

Dr Charis Tselios

07.07.2016

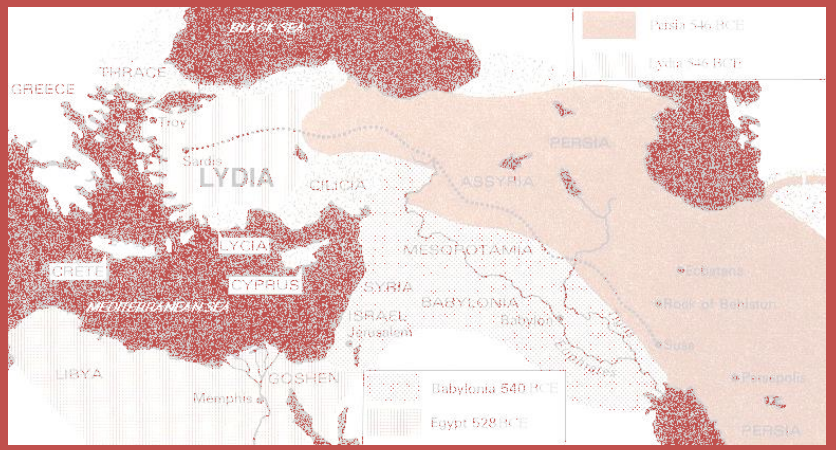
Measurment & the Invention of metric systems

Dr Anna Michailidou

07.07.2016

The Invention & Early Diffusion of Coinage

Dr. Charikleia Papageorgiadou



08.07.2016

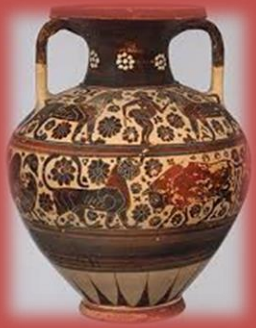
Luxury toreutics: Exchange and thesaurisation media, or status symbol?

Dr Athanasios Sideris

8.07.2016

The circulation of ceramics as containers and/or luxury items

Dr Despoina Tsiafaki



11.07.2016

The Antikythera Shipwreck: Freight, Trade and Economy during the Hellenistic Era

Professor John Seiradakis & Dr Magdalene Anastasiou

11.07.2016

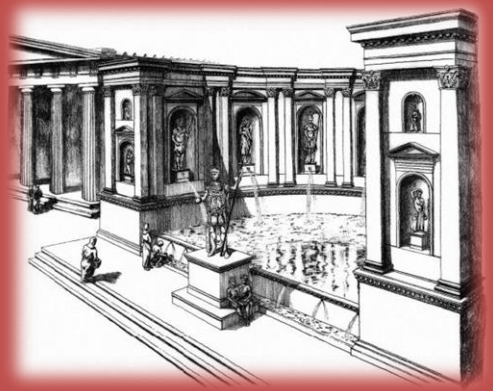
Maritime Culture: Ancient Harbours of the Eastern Mediterranean Sea

Panagiotis Athanasopoulos (Zea Harbour Project)

12.07.2016

Water Technologies and Decorative innovations

Dr Georgia Aristodemou

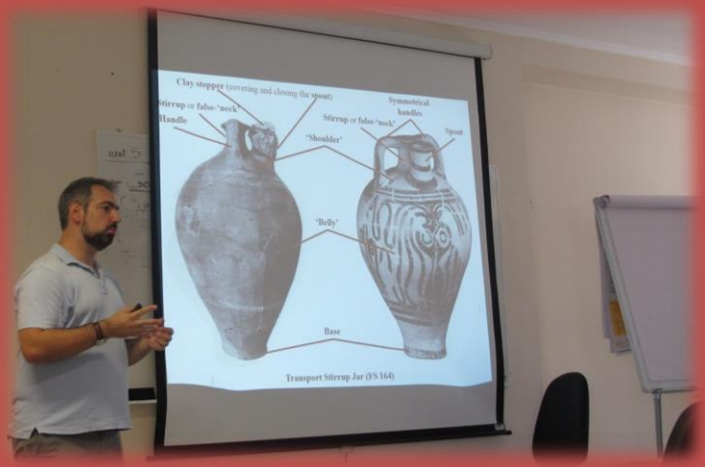


12 & 13.07.2016

I, *Inscribed stirrup jars and the economic and political landscape of 'Mycenaean' Crete*

II, *Crafts in the texts: craft production and craftsmen in the Linear B palatial records*

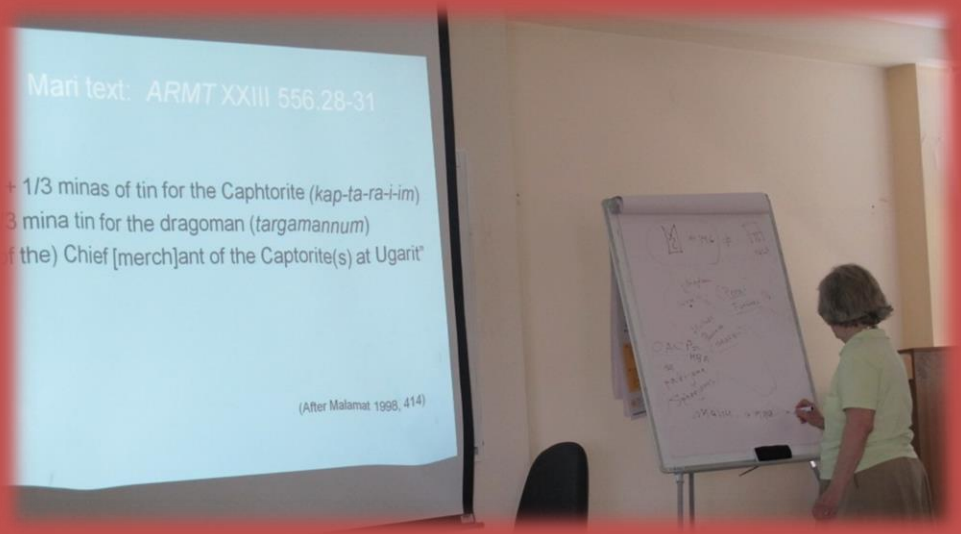
Dr. Vasileios Petrakis



13.07.2016

Early capital investments in land transport and cargoes

Dr Anna Michailidou



14.07.2016

Modern technology in documenting and exhibiting antiquity

Dr. Themis Veleni & Orestis Kourakis

14.07.2016

Modern technology in documenting and exhibiting antiquity

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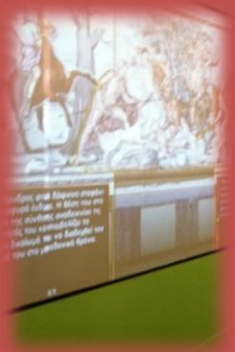


15.07.2016

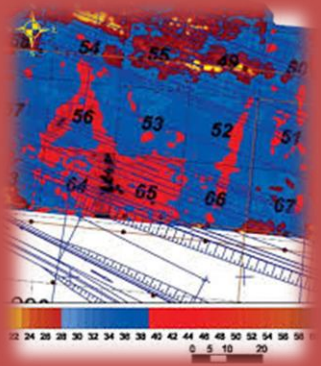
Aims, principles and techniques in the restoration of ancient buildings

Dr. Tassos Tanoulas

15.07.2016

Detection and mapping of buried antiquities

Professor Gregory Tsokas



NOESIS Centre of Technology, Thessaloniki, 9.7.2016

NOESIS Centre of Technology, Thessaloniki

9.7.2016

Field Project, 18 -22/7/2016
Ancient Agora of Pella.
Director, Professor Ioannis Akamatis

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Field Project, 18 -22/7/2016,
"Karabournaki" settlement
Directors Ass. Prof. Eleni Manakidou & Research Director Dr Despoina Tsiafaki

Family Moments at IHU Campus

Last day of lectures …

The "IHU" experience…

""The IHU Summer School in Ancient Technology and Ancient Economies is an excellent opportunity to learn about archaeology from completely new perspectives. With the featuring of specialists in the fields of architecture, civil engineering, linguistics, underwater archaeology, archaeological photography and museum studies, the program offers a unique, holistic understanding of the subject, and allowed me to gain a new vision on ways of understanding archaeology, and more thorough, interdisciplinary lenses of interpretation. This program will certainly benefit my future studies of the discipline, and left me feeling well-equipped with a fresh perspective going into fieldwork at Karabournaki. Thank you very much for this unique opportunity in a great city! "

Julia Castner

Bryn Mawr College

USA

"These past two weeks at the International Hellenic University have been life changing to say the least. Every single one of the lectures has been fascinating and the professors have been extremely professional. This program not only educates you on ancient civilizations, but also allows you to network and converse with these great scholars. Furthermore, the city of Thessaloniki is extremely beautiful and took my breath away. This program is highly recommended and I will forever cherish these lessons and bonds that have been formed during the duration of the summer school"

Julian George Anoussis

Concordia University

Montreal, Canada

The "IHU" experience…

"The summer school provides to each student the perfect mix of interesting lectures, presented by academics highly qualified in their respective fields, given in a relaxing and inclusive environment along with the opportunity to meet and enjoy the company of fellow students from all parts of the world." "The summer school provides a great platform for any student to enhance or be introduced to the many facets and technologies in the field of archaeology"

Annette Louise Dukes
UNE University of New England,
Armidale NSW, Australia

"In all honesty I didn't come to Greece for the Summer School, I came for the weather and the good food, not feta though. The courses of course were all very interesting" ……."they met up to my expectations. Most interesting to me was the course of photography where the lecturer show how he used modern techniques to capture these ancient objects on camera. The University was lovely, I expected it to be a bit bigger, because of the big name, but in all fairness I think I would've liked it less if it was a bigger university, ***everyone is so nice to each other here****.*

I've met some lovely people during the two weeks I've been here and I am certainly going to stay in touch with them, maybe even visit them in Canada or Turkey or Siberia. Thessaloniki is a nice city….. ***Long story short, I liked it!***

Axel Schnoeckel

Utrecht University

The Netherlands

The "IHU" experience…

"These past two weeks have been absolutely amazing. The International Hellenic University has not only provided us with a great opportunity to learn more about ancient Greek technologies, history and culture, but it has also given us the chance to live and feel Greek culture as it is today. The lectures are varied, covering topics that are rarely taught in programs back in Canada, like marine archaeology and the importance of Minoan timber, to name but a few. Thessaloniki is beautiful city, full of museums and historical sites from ancient to contemporary. There is definitely something here for everyone! I highly recommend this Summer Field School to everyone – people from all cultural and academic backgrounds. Lastly, I would like to thank the staff at IHU for being such wonderful and helpful hosts. ***I can safely say that I will definitely be returning to this school once again in the future****!"*

Anna Menexis
Concordia University
Montreal, Quebec, Canada

The "IHU" experience…

The 2016 Summer School of Ancient Technologies and Economies is a one-of-a-kind program. I believe that the knowledge me and my colleagues acquired during this 3-week long courses and excavation gives us a great advantage in our academic fields, especially if we are students of Classics (Ancient History and Archeology), Economics, Engineering etc.

On top of the academic experience, ***this summer school provided us a great opportunity to meet with like-minded intelligent and interesting people****. We intend to keep our new friendships last.*

Thank you to the organizers and the entire staff of the International Hellenic University.

Herag Hergelian

Concordia University

Montreal, Quebec, Canada

Thank you all
for being part of this wonderful experience…

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