


Event: **ENERGY in TRANSPORTATION 2018**  
 Date: **Saturday November 3, 2018**  
 Place: **Athens, Hellas**



<b>#</b>	<p><b>Michaelis Lefantzis</b>          Architect Engineer A.U.TH (Thessaloniki),          PhD UoA (Athens) in Architectural Heritage</p>	
Title:	<p>Greek Ministry of Culture &amp; Sports,          Directorate for the Restoration of Ancient Monuments          Athens, GREECE</p>	
email:	<p>lefantzismichaelis@gmail.com</p>	
Presentation title:	<p><b>The Discovery of some Engine Parts of the early 19<sup>th</sup> Century          Steam Ship “Karteria” at the Salamina Main Naval Station of the          Hellenic Navy</b></p>	
<p>This presentation, is about the discovery of some engine parts of the famous historical “side-wheel” steamship “Karteria” as reused structural elements (cast-iron beams and columns) in a Salamina Naval Station building of the last quarter of the 19<sup>th</sup> century, as well as the unique “box-shaped” steam boiler of Lord Cochran &amp; Al. Galloway.</p> <p>“Karteria”, the first operational steam warship in history, was built in Great Britain and fought in the Greek Revolution of 1821 against the Ottoman Empire in the years 1826-1828.</p> <p>All the data of this research study, indicates that the referred cast-iron beams and columns and the “box - shaped” boiler, begun their life as a building material of a factory settlement in Manchester in 1817, being adapted to the first steam warship in 1825 – 1826 and finally returning as structural element for the building of the Salamina Naval Station, in 1892.</p>		
CV:		
<p>Curriculum Vitae</p>		
<p>Michaelis Lefantzis is an architect (1993, Aristotle University of Thessaloniki, Greece), Doctor in History of Architecture and Cultural Heritage (2000, University of Athens, Greece, Supervisor Prof. G. Lavvas).</p> <p>Study &amp; Restoration of Monuments</p> <p>As the main Assistant of the Academician, Architect and Archaeologist G. Lavvas (Academy of Athens), the period 1996-2000 he worked for the architectural documentation and surveying project of the Temple of Resurrection (Holy Sepulchre &amp; Golgotha) of Jerusalem, Israel, published by the Academy of Athens, 2010. He was also at the scientific team which discovered the early Christian Octagonal Church of “Kathisma” of the Holy Virgin near Jerusalem.</p> <p>The period 2000-2015, he worked at the Slopes of the Acropolis of Athens for the Greek Ministry of Culture, as lead architect for the architectural study and restoration of:</p> <ul style="list-style-type: none"> <li>• the Altar and the precinct wall of the Early Asclepieion, 2000-2001,</li> <li>• ancient monuments at Kalydon, Thermos and Plevrona in Aetoloacarnania 2002-2005</li> <li>• the Stoa of Eumenes and Herod Atticus Odeon at the South Slope, 2002-2013</li> <li>• the Klepsydra Spring with its environments at the North Slope, 2013-2015</li> </ul>		

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- the digital archaeological and architectural masterplan of the Acropolis area 2013-2015

The period 2004-2005 he became an expert of the Council of Europe for the restoration of the damaged monuments at Kosovo.

From 2011, he started the architectural study of the Gymnasium of Amphipolis, in collaboration with the archaeologist Kalliopi Lazarides and the 2012 (until now) he became the Lead Architect of the Tumulus Kasta and Tomb Excavation at Amphipolis, being with the archaeologist Katerina Peristeri, the initial small scientific team which discovered the Monument. This period, he has just integrated the complete architectural study for the restoration of the Monument.

The 2017, he discovered blocks belonging to the superconstruction of the Ptolemaic Tomb No 8 at the Tombs of the Kings site, Paphos, Cyprus, in collaboration with the Prof. Theodoros Mavroyiannis, of the Department of Archaeology at the Cyprus University.

Recently he discovered the parts of the first functional steam war ship in the world (who took part in the naval battles of the Greek Revolution, 1826-1829), the famous "KARTERIA". The cast iron parts of the steamship's engine and the oldest saved marine steam boiler, were reused as structural members at the 19<sup>th</sup> century buildings of the Salamis Naval Station.

His present position, is at the Directorate for the Restoration of Ancient Monuments at the Greek Ministry of Culture.

#### Academic Activity

- General Secretary of the Greek Association of Urban Historians (2001-2006)
- Member of the Architectural History Research Center of the Academy of Athens (2003-2006).
- Adjunct Assistant Professor of Cultural Heritage at the University of Athens, Department of Communication and Media. (2004-2005).
- Adjunct Assistant Professor of Urban History, University of Thessaly, Department of Urban & Regional Engineering, Volos (2005-2014).
- Adjunct Assistant Professor History of Architecture & Urban History, Hellenic Open University (ΕΛΠ12) (2014-2016)
- Academic Lectures at the Architectural School of Milano (Bovisa) Italy (2012) and the Archaeological Schools of Florence, Italy (2012) and Aarhus, Denmark (2004), Danish Institute at Athens (2004, 2008), Friends of the Acropolis Museum / 1<sup>st</sup> Ephorate of Antiquities (Acropolis) (2005), Cycladic Museum, Athens (2014), Hermitage Museum / Lomonosov & Saint Petersburg Universities, Saint Petersburg, Russia (2016), Saxo Institute / University of Copenhagen, Denmark 2017, Museum of the City of Athens (2017), Aristotle University of Thessaloniki (2013, 2014, 2016, 2017), University of Cyprus (2017).

He got 3 awards in Greek Architectural Competitions and a Prize in an International Competition of the "Union International d' Architectes" (2002) for Urban Design projects.

He published more than 80 articles in scientific reviews and volumes of conference proceedings, about Architectural and Urban History, Restoration of Ancient Monuments and Classic Archaeology.