



NATIONAL TECHNICAL  
UNIVERSITY OF ATHENS  
[GREECE]



SAPIENZA  
UNIVERSITA DI ROMA  
[ITALY]



BEZALEL ACADEMY  
OF ARTS AND DESIGN  
[ISRAEL]



Perpetielsi  
SRL  
[ROMANIA]



רשות  
העתיקות  
ISRAEL ANTIQUITIES  
AUTHORITY  
[ISRAEL]



HELLENIC RESEARCH INSTITUTE OF  
THE ALEXANDRIAN CIVILIZATION  
[GREECE]

## EDICULA MULTIPLIER EVENTS O3: Hands-on Framework

### The EDICULA Project | MULTIPLIER 1 [E1]:

### The Historic City of Jerusalem, The Holy Sepulchre: A Hands-on Experience

Hands-on education in protection of monuments, and innovative practices in a digital era

**3 - 6 April 2022**

The Multiplier Event - **The EDICULA Project | The Historic City of Jerusalem, The Holy Sepulchre: A Hands-on Experience**, to be held in Jerusalem at the beginning of April 2022, is part of the EDICULA Project Hands-on framework, and is one of its two multiplier events. It is designed by the Bezalel Academy of Arts and Design in Jerusalem and the Israel Antiquities Authority. The project partners are, including the partners mentioned above, the Master Program on the Protection of Monuments at the National Technical University of Athens - and the Post Graduate Program in Science and Technology for the Conservation of Cultural Heritage at the Sapienza University of Rome.

The three-day hands-on experience workshop will take place at different locations, all cultural heritage sites in Jerusalem. The sites will be studied and examined in their historical-cultural and social contexts, their urban setting and as part of the unique architecture of Jerusalem. The workshop will start with a walking tour through the old city of Jerusalem, emphasising the historical-urban and cultural contexts. The first part will end with an in-depth site visit of the Church of the Holy Sepulchre, where we shall review the conservation project and the documentation and restoration activities conducted at the Holy Sepulchre. The hands-on experience will take place in and around the cultural heritage site of the Citadel in the Old City of Jerusalem, south of the Jaffa Gate. The hands-on workshops will focus on (i) materials, (ii) engineering and (iii) conservation and interpretation. The workshop will be followed by a visit to the IAA Laboratories at Har Hotzvim, Jerusalem, allowing the participants to share knowledge regarding the capacities of each of the institutions. The hands-on activities will include an exercise on cultural mapping, cultural significance, and communities' engagement, involving various stakeholders. The last day of the multiplier event will be dedicated to curricula reformation in developing the joint master's programme and to the second periodic review meeting of the EDICULA Project.

**Learning outcomes:** During the different workshops, participants will use digital tools and techniques for documenting, identifying and analyzing materials, and will gain experience in cultural mapping. The outcomes of [E1] will be the starting point for multidisciplinary and integrative learning activities of architectural interventions in cultural heritage sites and conservation actions undertaken at a multi-layered urban environment. The workshop, including all assignments will last approx. 30 hours.

**General information:** Participants of the workshop will be (i) BEZ students with a strong architectural or heritage background, (ii) IAA experts with a strong archaeological research background, along with PhD candidates from Bezalel, NTUA and Sapienza.

The multiplier event will include activities for target groups among them conservation professionals and scholars from various areas of interest, stakeholders, decision-makers, NGOs and representatives from the diverse communities. Furthermore, a Public Event will be held on the second day of the EDICULA project [E1], involving a wide range of professionals. The Public Event will be live streamed.

The workshop outcomes will be evaluated at the end of the multiplier event and integrated in the deliverable of Task 3.3: EDICULA Framework for hands-on education in CH protection, Work Package O3.



**Multiplier Event | The Historic City of Jerusalem, The Holy Sepulchre: A Hands-on Experience | General program:**

<b>Day 1 Sunday 03.04.22</b>		<b>Day 2 Monday 04.04.22</b>		<b>Day 3 Tuesday 05.04.22</b>		<b>Day 4 Wednesday 06.04.22</b>			
<b>Setting and Context</b>		<b>Hands-on experience</b>		<b>Hands-on experience</b>		<b>Transnational Meeting</b>			
10:00 - 17:30	<p><b>Historic-cultural &amp; Urban walk</b></p> <p>From the Historic City to the Church of the Holy Sepulchre via the Old City of Jerusalem</p> <p>Site visit of the Historic Monument and its surroundings</p> <p>Learning from the Holy Sepulchre and Holy Aedicule</p>	09:00 - 16:30	<p><b>Hands-on workshops at the Citadel</b></p> <ul style="list-style-type: none"> <li>• Materials</li> <li>• Engineering</li> <li>• Conservation and interpretation</li> </ul>	09:00 - 12:00	<b>Visit to IAA Labs</b>	09:00 - 12:00	<b>Curricula Reformation</b> of Postgraduate Programs		
				12:30 - 14:00	Transportation to the Historic City Centre			13:30 - 15:00	Advanced Studies in Cultural Heritage and Conservation
				14:00 - 16:30	Cultural mapping, cultural significance, and Communities engagement activity				
				<b>Transnational Meeting</b>					
				17:00 - 18:30	<b>Workshop Summary</b> and assessment & evaluation				
		18:00 - 20:00	<b>Public Event at Hansen House</b>						

## Detailed program:

<b>Setting and Context – Sunday, April 3<sup>rd</sup>, 2022</b>	
10:00 - 10:20	Gathering and Opening of the Multiplier event and workshops in Jerusalem Meeting point at the Citadel Entrance (Tower of David Museum) Architect A. Sela Wiener (BEZ)
10:20 - 10:50	Opening lecture: The Rehabilitation of the Holy Aedicule of the Holy Sepulchre Prof. A. Moropoulou (NTUA)
10:50 - 11:30	Urban Walk Prof. M. Turner (BEZ); Architect Yonathan Zahor (IAA)
11:30 - 14:15	Site visit of the Historic Monument and its surroundings Dr. Architect Mitropoulos
14:15 - 15:15	Arrival to the Citadel + Lunch break
15:15- 16:45	Learning from the Holy Sepulchre and Holy Aedicule: Dynamic integrated geometric documentation of the monument before, during and after the rehabilitation – Perspectives through RESPECT project Prof. A. Georgopoulos (NTUA) Non-destructive prospection of the Holy Aedicule's structural history within the Holy Sepulchre environment Dr. K. Lampropoulos (NTUA) Characterization, archaeometry, archaeogene of building materials of the Holy Aedicule – Compatibility of conservation interventions Dr. E. Delegou (NTUA) Novel educational approach for the preservation of Cultural Heritage A. Lampropoulou (NTUA)
16:45 - 17:30	Lecture: Status quo at the Holy Sepulchre Yisca Harani

<b>Hands-on experience – Monday, April 4<sup>th</sup>, 2022</b>	
Location:	The Citadel – Tower of David Museum, Jaffa Gate, Old City of Jerusalem
09:00 -09:30	Historical and Archaeological Tour of the complex Dr. Amit Re'em (IAA)
09:30-11:00	Conservation and Architectural Planning Dilemmas through material characterization of the site, supported by an analytical study of bonding materials Dr. Yotam Asher (IAA), Yotam Carmel, Eli Sklar (Centaor Conservation), Prof. A. Moropoulou (NTUA), Dr. E. Delegou (NTUA)
11:00- 12:30	Engineering aspects of the renovation and conservation of the Citadel.an open archaeological site Engineer Yaacov Schaffer (Schaffer & Ronen Conservation Engineering), Prof. A. Moropoulou (NTUA), Dr. K. Lampropoulos (NTUA)
12:30 - 13:00	Lunch Break
13:00 - 14:00	3D Scanning of Architectural Objects and Inscriptions Alex Freiberg (IAA), Prof. A. Georgopoulos (NTUA)
14:00 - 14:30	Pros and Cons of Advanced Documentation Methods Prof. Moshe Cain (Hadassah Academic College)
14:30 - 16:00	Photogrammetric models at the service of Conservation Planning Alex Wiegmann and Shay Halevi (IAA)
16:00 -16:30	From Fort to Museum: How to turn a 2500 years old Fortress into a museum Eilat Lieber (Tower of David Museum)
Location:	Hansen House
18:00 - 20:00	Public Event (program attached separately) The Historic City of Jerusalem, The Holy Sepulchre: A Hands-on Experience Moderator: Architect Shmuel Groag (BEZ)

	Prof. Antonia Moropoulou (NTUA) Prof. Gideon Avni (IAA) Prof. Andreas Georgopoulos (NTUA) Dr. Amit Re'em (IAA) Prof. Mike Turner (BEZ)
--	--

### Hands-on experience – Tuesday, April 5<sup>th</sup>, 2022

Location:	Har Hotzvim, Jerusalem
09:00-12:00	<b>Visit at the IAA Laboratories</b> Analytical and Mobile Laboratory; Conservation of Pottery Laboratory; Conservation of Glassware; Laboratory; Metallic Implements and Objects Laboratory; Organic Materials Laboratory
12:00-13:00	Lunch
13:00 - 13:30	Transportation to the Jerusalem Historic Centre
Location:	Jerusalem Historic Centre
14:00-16:30	<b>Cultural mapping, cultural significance and Communities engagement activity</b> Architect S. Groag; Architect A. Sela Wiener; Architect Komal Potdar (BEZ)

### Transnational Meeting – Tuesday, April 5<sup>th</sup>, 2022

Location:	Hamiffal Art Center- <a href="https://www.hamiffal.com/">https://www.hamiffal.com/</a>
17:00-18:30	<b>Workshop Summary</b> and assessment & evaluation: NTUA, Sapienza, Bezalel, IAA NTUA: Prof. A. Moropoulou; A. Georgopoulos; A. Lampropoulou; Dr. K. Lampropoulos; Dr. E. Delegou Sapienza: Prof. G. Favero; Dr. L. Medeghini Bezalel: Prof. Architect Mike Turner; Architect S. Groag; Architect A. Sela Wiener IAA: Dr. Amit Re'em; LiatWeinblum
Notes:	

### Transnational ;Meeting – Wednesday, April 6<sup>th</sup>, 2022

Location:	Hansen House / Bezalel Department of Architecture
09:00 -12:30	<b>Curricula Reformation of Postgraduate Studies</b> Sapienza: Prof. G. Favero; Dr. L. Medeghini; Prof. L. Sadori; Dr.A. Masi NTUA: Prof. A. Moropoulou, A. Lampropoulou Bezalel: Prof. Els Verbakel; Prof. Mike Turner; Architect S. Groag; Architect A. Sela Wiener
12:00 – 13:30	Lunch
13:30- 15:00	<b>Advanced Studies in Cultural Heritage and Conservation: NTUA, Sapienza, Bezalel, IAA</b> NTUA: Prof. A. Moropoulou; A. Georgopoulos; A. Lampropoulou; Dr. K. Lampropoulos, Dr. E. Delegou Sapienza: Prof. G. Favero; Dr. L. Medeghini; Bezalel: Prof. Architect Mike Turner; Architect S. Groag; Architect A. Sela Wiener IAA: Dr. Amit Re'em; LiatWeinblum
Notes:	
(1) Additional stakeholders: Jerusalem Affairs and Heritage Minister of Israel; the National Register; the Council of Higher Education	