

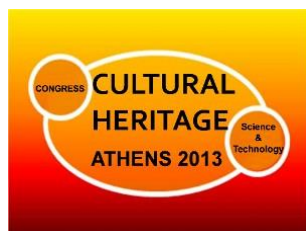
6th International Congress on

***“Science and Technology for the Safeguard of
Cultural Heritage in the Mediterranean Basin”***



Athens, Greece

22 – 25 October 2013



Ministry of Culture
Greece



NTUA University
Athens



Athens Mayor



CNR – Institute
of Chemical
Methodologies



Association
Investing
in Culture



Società
Geografica
Italiana

DATI RELATIVI AL CONGRESSO

Totale iscritti	n. 740
Totale partecipanti	n. 355
Contributi presentati	n. 236
Autori dei contributi	n. 634
Nazioni di provenienza	n. 22

Autori dei contributi per nazione

Algeria	1
Armenia	2
Brazil	1
Bulgaria	9
Cyprus	6
Czech Republic	2
Egypt	32
Estonia	5
France	6
Georgia	4
Germany	10
Greece	71
Iran	4
Israel	2
Italy	355
Romania	13
Serbia	10
Spain	68
Turkey	12
UK	5
USA	2
Other	14
Tot.	634

Autori dei contributi per Ente

CNR	66
Institution	42
Other	77
Private	25
Research Center	38
UNI	384
Tot.	634

Autori dei contributi Istituti CNR

CNR - CERIS	2	Istituto di Ricerca sull'Impresa e lo Sviluppo
CNR - DSB	1	Dipartimento di Scienze Biomediche
CNR - IBAM	14	Istituto per I Beni Archeologici e Monumentali
CNR - IBIMET	1	Istituto di Biometeorologia
CNR - ICCOM	2	Istituto di Chimica dei Composti Organo Metallici
CNR - ICIS	3	Istituto di Chimica Inorganica e delle Superfici
CNR - ICT	1	Dipartimento Tecnologie dell'Informazione e delle Comunicazioni
CNR - IENI	1	Istituto per l'Energia e le Interfasi
CNR - IGG	1	Istituto di Geoscienze e Georisorse
CNR - IMC	7	Istituto di Metodologie Chimiche
CNR - INO	2	Istituto Nazionale di Ottica
CNR - IVALSA	2	Istituto per la Valorizzazione del Legno e delle Specie Arboree
CNR - IPCF	1	Istituto per I processi Chimico-Fisici
CNR - IPP	3	Istituto per la Protezione delle Piante
CNR - ISCIMA	1	Istituto di Studi sulle Civiltà Italiane e del Mediterraneo Antico
CNR - ISMN	1	Istituto per lo Studio dei Materiali Nanostrutturati
CNR - ISSIA	1	Istituto di Studi sui Sistemi Intelligenti per l'Automazione
CNR - ISSM	1	Istituto di Studi sulle Società del Mediterraneo
CNR - ISTI	6	Istituto di Scienza e Tecnologia dell'Informazione "A. Faedo"
CNR - ITABC	8	Istituto per le Tecnologie Applicate ai Beni Culturali
CNR - ITC	8	Istituto Per le Tecnologie della Costruzione

FOREWORD

Even if scientists do their best to increase human lifespan, nobody really thinks we may live forever; on the contrary, we often wish that our Cultural Patrimony, our monuments, stone or paper, should withstand for centuries, even for millennia!

But, to begin with, how large is our Cultural Patrimony?

The vagueness of this terminology makes rather difficult to answer such a question; we must also add that a “monument” suggestive for a community may be worthless for another community.

In any case, we can for sure state that the Cultural Patrimony worth saving, the world over, is made up of many million pieces.

The complexity of the activities needed to safeguard such a Cultural Patrimony strictly depends on its complexity, because we put together “items” as different as metal coins, paintings, historical buildings and monuments, churches and mosques, books and manuscripts, musical instruments, bones and mummies, and ancient trees.

Purpose of the present Congress, analogously to the previous Congresses held in Italy, France, Spain, Egypt, and Turkey, is to demonstrate how crucial may prove the contribution of scientists and technologists who may help saving both our common Cultural Patrimony and public money often wasted by erroneous public interventions.

This time, a special opportunity is offered by the coincidence with the start next January 2014 of the next 8th Framework Programme of the European Commission for the years 2014-2020 titled “Horizon 2020”.

A specific Project called EACH was approved during our last Cairo (2009) and Istanbul (2011) Congresses devoted to the preservation of Cultural Heritage, prepared with the suggestions of thousands of scientists.

Since 2010, the Project was submitted to the attention of the European Commissioner for Science and Research, with the concrete purpose to obtain for this research area more attention within next “Horizon 2020”.

European Union motto is “*united in diversity*” even if sometimes a better motto seems “*disunited in diversity*”; however, European citizens are really “united” willing to preserve their identities, grounded on their Cultural Patrimony.

Athens Congress has the privilege of being held in a city cradle of one of the most important civilizations of the world. We may be sure that with their presentations, Participants will significantly contribute to the safeguard of our precious Cultural Heritage!

prof. A. Guarino

prof. A. Moropoulou

SCIENTIFIC PROGRAMME

SESSION A Resources of the Territory

- A.1– Identity and Globalization
- A.2 – Reuse of Historical Centres
- A.3 – a) Archaeological Sites
 - b) Robotic Systems in Underwater Archaeology
 - c) Remote Characterization of Surfaces: robotic platforms
 - d) Signal Processing Advances
- A.4 - Natural Environment
- A.5 - Naval Heritage
- A.4 – Unmanned Aerial Vehicles on Site Surveillance
- A.5– Artefacts Dating

SESSION B Diagnostics, Restoration and Conservation

- B.1 – a) Historical Buildings and Monuments
 - b) Non Destructive Techniques: In situ advanced diagnostics
 - c) Crack Mapping by Autonomous Flying Robots
 - d) Robotic Systems in Harsh Environmental Sites
 - e) Quad-rotor Helicopters in Monuments Diagnostics
 - f) Climbing Robots for Structure monitoring
- B.2 – a) Seismic Emergencies and Early Protection
 - b) Seismic Retrofitting of Historical Masonries
 - c) Climatic Change
 - d) Natural and Human Driven Hazards Endangering Cultural Heritage
- B.3 – Marbles, Stones and Lithic Materials
- B.4 – Mosaics, Frescos, Stuccos
- B.5 – Mural and Oil Paintings
- B.6 – Gems, Ceramic and Vitreous Materials
- B.7 – Paper Documents
- B.8 – Textiles
- B.9– Coins and Metallic Artefacts
- B.10 – Microbial Colonies Attack on Artefacts
- B.11 – Nanotechnologies in Cultural Heritage
- B.12 – Lab on Chip

SESSION C Biological Diversity

- C.1 – Analysis and Preservation of Biological Diversity
- C.2 – Ethno Anthropological Heritage
- C.3 – Plants and Historical Gardens
- C.4 – Virtual Environment for Art
- C.5 – a) Robots and Tele Participation
 - b) Verbal Human – Robot Interaction

SESSION D Museums Projects and Benefits

- D.1 – Museums Cultural Projects
- D.2 – Museums Monitoring and Microclimate Data Bases
- D.3 – Mobile Tele Presence for Museums
- D.4 – Multiple Embodiments for Robots in Heritage Applications
- D.5– Tourism and Economic Outcome

SESSION E Cultural Heritage Identity

- E.1 - Documentation – Metadata description
 - a) Geometrical
 - b) Architectural
 - c) Structural
 - d) Materials
 - e) Integrated protocols
- E.2 - Interdisciplinary Knowledge Based Decision Making
- E.3. a) 3D reconstruction in Cultural Heritage
 - b) Image Processing Techniques in Cultural Heritage
- E.4 - a) ICT in Cultural Heritage Protection
 - b) Media production and Reuse
- E.5. - Collective Intelligence in Cultural Heritage
- E.6. - Education for Cultural Heritage Protection
- E.7. - Research policies for Cultural Heritage Protection

SESSION F Cultural Assets as Resources and Sustainable Development

- F.1 - Sustainable Tourism in Cultural Heritage
- F.2 - Integrated Environmental Management for the Protection of Cultural Heritage
 - a) in Historic Cities/Centers/Sites
 - b) in Rural and Isolated Areas (Mountains, Islands)
- F.4 - Monitoring Technologies
- F.5 - Strategical Planning of Sustainable Development

6th International Congress
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Cultural Heritage in the Mediterranean Basin

TIMETABLE

Tuesday, October 22

NTUA Auditorium

08:30 - 09:00 **Delegates Registration**

09:00 - 10:00 **Authorities Greetings**

10:00 - 11:00 **Opening Ceremony Cocktail**

11:00 - 13:30 **Plenary Lectures**

13:30 - 14:30 **Lunch**

Tuesday, October 22

Aristotle Lecture Hall

Time	Code	Speaker	Title
14:30 - 14:50	A2.034	Pugliano	MEANS, METHODS, STUDYING AND TRAINING INITIATIVES TO PASS ON THE FUTURE AND VALUE THE CULTURAL HERITAGE.
14:50 - 15:20	A2.074	Bağbancı Özlem	REHABILITATION THROUGH A HOLISTIC CONSERVATION AND REVITALIZATION STRATEGIES FOR THE CITIES: CUMALIKIZIK VILLAGE AS A CASE
15:20 - 15:40	A2.038	Faraci	MERIDA: TOOLS AND METHODS FOR RECOVERY AND URBAN REGENERATION
15:40 - 16:00	A2.069	Bağbancı Bilal	THE USE OF WROUGHT IRON IN THE STRUCTURAL SYSTEM OF OTTOMAN BUILDINGS IN TURKEY
16:00 - 16:20	A2.061	Badescu	INTEGRATED STRATEGIES REGARDING THE REVITALIZATION AND RE-USE OF HISTORICAL CENTERS – CASE STUDY IOSEFIN NEIGHBORHOOD, TIMISOARA, ROMANIA
16:20 - 16:40	A2.248	Grigoriadis	DIACHRONIC MAPPING OF RURAL LANDMARKS: A MEDITERRANEAN CASE STUDY
16:40 - 17:10 Coffee Break			
17:10 - 17:40	A2.062	Badescu	THE REHABILITATION AND RE-FUNCTIONALIZATION OF FORTIFIED CITADELS AS PART OF THE REVITALIZATION STRATEGY OF HISTORICAL CENTERS – CASE STUDY ARAD FORTRESS, ROMANIA
17:40 - 18:00	A2.246	Tsilimantou	GIS MODELLING FOR INTEGRATED DOCUMENTATION OF THE HISTORIC BUILDING OF VILLA KLONARIDI IN ATHENS, GREECE

Tuesday, October 22

Socrates Lecture Hall

Time	Code	Speaker	Title
14:30 - 14:50	B1.001	Nabil A.	THE DETERIORATION PROBLEMS OF THE WALL RELIEFS OF KOMIR TEMPLE, ESNA, EGYPT
14:50 - 15:20	B1.046	Mosoarca	HISTORIC BEARING STRUCTURES. SINAGOGUES IN TIMISOARA. STRUCTURAL DEGRADATION.
15:20 - 15:40	B1.024	Abdelmegeed	STRUCTURAL ASSESSMENT AND REHABILITATION OF AN HISTORIC TRADITIONAL MASONRY BUILDING IN ATHENS
15:40 - 16:00	B1.025	García Soriano	DEGRADATION AND PRESERVATION OF RAMMED EARTH. THE CASE STUDY OF SPAIN
16:00 - 16:20	B1.041	Mazzanti	THE HISTORY OF ARCHITECTURE AND THE CONSERVATION OF THE BUILT HERITAGE OF THE ARCHDIOCESE OF CHIETI (ITALY)
16:20 - 16:40	B1.047	Mosoarca	REINFORCEMENT OF HISTORIC MULTI STOREY BEARING STRUCTURES WITH BRACED METAL TUBES
16:40 - 17:10 Coffee Break			
17:10 - 17:40	B1.005	Morillas	ANALYTICAL METHODOLOGY TO DIAGNOSE THE IMPACT OF DIFFERENT ENVIRONMENTAL STRESSORS IN HISTORICAL BUILDINGS CLOSE TO THE SEA
17:40 - 18:00	B1.048	Ceccarelli	SURVEY, RESTORATION AND CONSERVATION OF HISTORICAL BUILDINGS AND MONUMENTS BY USING ROBOTIC SYSTEMS

Tuesday, October 22

Plato Lecture Hall

Time	Code	Speaker	Title
14:30 - 14:50	C.027	Fouad	EVALUATION AND CONTROL OF MICROBIOLOGICAL DEGRADATION OF PAINTED AND GILDED MUMMY CARTONNAGE SAQQARA MUSEUM STOREROOM – EGYPT
14:50 - 15:20	C.006	Moushira	STATURE AND BODY SHAPE OF ANCIENT EGYPTIANS FROM THE OLD KINGDOM: ANCIENT-TO-MODERN SECULAR CHANGES
15:20 - 15:40	C.031	Juanes Barber	MAKING PROCESS, CONSERVATION AND HISTORICAL STUDIES OF TEXTILES BY RADIOGRAPHIC ANALYSIS. APPLICATION ON HISTORICAL TEXTILES FROM XV AND XVI CENTURY
15:40 - 16:00	C.096	Lampropoulos	CONSERVATION OF STRUCTURE MATERIAL OF FOSSILISED FORESTS
16:00 - 16:20	C.100	Pasquarella	BIOLOGICAL AND MICROCLIMATIC DIAGNOSIS IN CULTURAL HERITAGE CONSERVATION: INTERDISCIPLINARY RESEARCH AT PALATINA LIBRARY IN PARMA
16:20 - 16:40	C.106	Danubio	ANTHROPOLOGICAL ARCHIVES AND SOCIO-ECONOMIC HISTORY OF POPULATIONS LACKING WRITTEN SOURCES. SOME CASE STUDIES
16:40 - 17:10 Coffee Break			
17:10 - 17:40	C.134	Danti	THE HISTORIC CYPRESSES OF THE VIALE DI BOLGHERI: NEED OF AN ORGANIC AND NON-STOP ACTION TO PRESERVE A LIVING MONUMENT.
17:40 - 18:00	C.117	Vornicu	ANALYSIS OF BIOLOGICAL PEST FROM COLLECTION THE METROPOLITAN OF ANCIENT ICONS
18:00 - 18:20	C.247	Mahfrouzi	THE COMPCET OF EASTERN-IRANIAN GARDEN-CONSTRUCTION DURING SAFAVID DYNASTY

Tuesday, October 22

Pythagoras Lecture Hall

Time	Code	Speaker	Title
14:30 - 14:50	D.007	Nofal	TAKING ADVANTAGES OF AUGMENTED REALITY TECHNOLOGY IN MUSEUM VISITING EXPERIENCE
14:50 - 15:20	D.010	Eman	IMPACTS OF CLIMATE CHANGES AND ENVIRONMENTAL POLLUTION ON THE EGYPTIAN MUSEUM, CAIRO.
15:20 - 15:40	D.035	Pugliano	PLANNING THE PRESERVATION TO ENCREASE THE VALUE.THE SOUTHWESTERN SUBURB OF ROME, RIVER TEVERE DELTA AND OSTIA AND PORTUS ARCHAEOLOGICAL PLACES.
15:40 - 16:00	D.011	Trupiano	YOUTH AND CULTURE
16:00 - 16:20	D.049	Smolík	ADVANCED MONITORING OF INDOOR AIR QUALITY IN LIBRARIES AND ARCHIVES
16:30 - 16:40	D.054	La Scala	THE MUSEUM OF LONDON, A CITY MUSEUM AS NARRATIVE EXHIBITION
16:40 - 17:10 Coffee Break			

Wednesday, October 23

Aristotle Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	A2.075	Bağbancı Özlem	RESTORATION STUDIES AND THE RE-USE OF ORHANELI STONE SCHOOL, BURSA-TURKEY
09:20 - 09:40	A2.077	Kassab /Cherif / Moya	STRATEGY FOR THE INTEGRAL REGENERATION OF A HISTORICAL CENTER. THE CASE OF BEN M'HIDI NEIGHBORHOOD IN ALGIERS.
09:40 - 10:00	A2.081	Khalil	PLANNING TOOLS FOR HISTORIC CENTERS CONSERVATION IN ITALY, CASE STUDY OF "ORTYGIA" SYRECUSE, ITALY.
10:00 - 10:20	A2.093	Vattano	AN INTANGIBLE SMART CITY INSIDE THE TANGIBLE HISTORICAL CITY: THE SMART HERITAGE AS REGENERATION OF EURO-MEDITERRANEAN REALITIES
10:20 - 10:40	A2.097	Marotta	TANGIBLE AND INTANGIBLE HERITAGE IN THE MEDITERRANEAN SUSTAINABLE CITY
10:40 - 11:10	A2.052	Peñalver Martínez	THE TRANSFORMATION OF MILITARY HERITAGE BUILDINGS INTO A LOCATION FOR KNOWLEDGE-BASED ACTIVITIES (UNIVERSITY/R&D). THE TECHNICAL UNIVERSITY OF CARTAGENA (SPAIN)
11:10 - 11:30	A2.101	Abbate / Cannarozzo	CULTURAL HERITAGE THROUGH HISTORY AND NATURE: CONSERVATION AND RE-USE. THE SCICLI CASE STUDY.
11:30 - 12:00 Coffee Break			
12:20 - 12:40	A2.116	Chelidze	GPR INVESTIGATION OF GEOTECHNICAL CONDITIONS AT METEKHI CATHEDRAL AREA (GEORGIA)
12:40 - 13:00	A2.197	Fatta	MAJOLICA TILED SPIRES IN SICILY. SHAPE, STRUCTURE AND PROBLEMS
13:00 - 13:30	A2.175	Pettenati	ITALIAN CULTURAL LANDSCAPES IN THE WORLD HERITAGE LIST: THE TERRITORIALIZATION OF A LABEL
13:30 - 14:30 Lunch			
14:30 - 14:50	A2.167	Lanzafame	WORLD HERITAGE SITES IN SOUTH-EASTERN SICILY
14:50 - 15:20	A2.173	Segado Vázquez	REUSE OF URBAN RAILWAY SPACES, THE CITIES OF THE SPANISH LEVANTE AND THE IMPLEMENTATION OF THE HIGH-SPEED TRAIN (AVE).
15:20 - 15:40	A2.168	D'Urso	CATANIA HISTORIC CENTRE: BEYOND THE PRESERVATION TOWARDS THE COMMUNITY, SOCIAL INNOVATION AS A TOOL OF URBAN REGENERATION.
15:40 - 16:00	A2.165	Cotugno	CULTURAL ISSUES ON CITIES CENTRES. CASE OF STUDY: THE HISTORIC CENTRE OF ENNA
16:00 - 16:20	A2.195	Fatta	REHABILITATION OF HISTORIC THEATRES IN SICILY
16:20 - 16:40	A2.181	Espinosa/Vázquez	THE SAFEGUARD IN THE HEART OF THE CITY. SEVEN PARADIGMATIC EXAMPLES OF URBAN REHABILITATION IN EUROPE.
16:40 - 17:10 Coffee Break			
17:10 - 17:40	A2.176	Formisano	EXPERIMENTAL AND NUMERICAL ANALYSIS OF THE ST. GIULIANO CHURCH IN POGGIO PICENZE (AQ)
17:40 - 18:00	Workshop EACH / RICH		

Wednesday, October 23

Socrates Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	B1.055	Uğurlu	CHARACTERISTICS OF ROMAN PERIOD "COCCIOPESTO" MORTARS USED IN WESTERN ANATOLIA
09:20 - 09:40	B1.076	Karapetyan	CONSERVATION PROBLEMS OF AGHJOTS MONASTERY COMPLEX
09:40 - 10:00	B1.084	Caponetti	THE ACQUALADRONE ROSTRUM: A PHYSICAL-CHEMICAL INVESTIGATION TO UNDERSTAND THE MATERIAL HISTORY
10:00 - 10:20	B1.112	Garcia-Diego	NON-INVASIVE METHOD FOR THE DETECTION OF BRICK JOINTS BASED ON ULTRASONIC SENSOR
10:20 - 10:40	B1.113	Bernabei	THE MASTER OF ACCADEMIA: A POWERFUL TOOL FOR DATING STRINGED MUSICAL INSTRUMENTS
10:40 - 11:10	B1.121	Christaras	THE USE OF ULTRASONIC TECHNIQUES FOR ESTIMATING THE CONSERVATION STATUS OF BUILDING MATERIALS IN MONUMENTS
11:10 - 11:30	B1.124	Campisi	WOODEN DOMES, VAULTED AND FLAT CEILINGS, PARTITION WALLS IN THE SICILIAN CONSTRUCTIVE TRADITION. KNOWLEDGE FOR THE SAFEGUARD OF ARCHITECTURE AND TECHNIC
11:30 - 12:00 Coffee Break			
12:20 - 12:40	B1.125	Saeli	THE SIROCCO'S CHAMBER: PASSIVE COOLING STRUCTURES IN THE XVI CENTURY PALERMO (SICILY) AREA
12:40 - 13:00	B1.158	Costa	THE USE OF COMBINED CLEANING SYSTEMS FOR THE RESTORATION OF A DETACHED 'GRAFFITO' FROM THE MUSEUM OF PALAZZO BRASCHI IN ROME
13:00 - 13:30	B1.212	Tronchin	THERMAL AND ACOUSTIC IMPROVEMENTS IN A HISTORICAL BUILDING RESTORATION
13:30 - 14:30 Lunch			
14:30 - 14:50	B1.161	Ortiz Pilar	UAVS APPLIED TO DIAGNOSIS OF MONUMENTS. THE ROYAL TOBACCO FACTORY OF SEVILLE (SPAIN).
14:50 - 15:20	B1.207	Palla	BIOACTIVE MOLECULES FROM MARINE INVERTEBRATE ORGANISMS AS POTENTIAL TOOLS IN RESTORATION PROCEDURES
15:20 - 15:40	B1.200	Alvisi	LACUNA'S TREATMENT IN RESTORATION AND TECHNOLOGICAL INNOVATION
15:40 - 16:00	B2.217	Viskovic	HISTORICAL PALACES, COMBINED ACTIONS FOR SAFETY EVALUATION AND SEISMIC RETROFITTING. THE ROSATI PALACE AS CASE STUDY FOR RECENTLY DEVELOPED DESIGN SOLUTIONS
16:00 - 16:20	B1.156	Costa	BINDERS FOR RETOUCHING SYSTEM IN CONSERVATION: AN OVERVIEW AND EXPERIMENTAL TESTS
16:20 - 16:40	B11.023	Quagliarini	DURABILITY OF SELF-CLEANING TIO2-BASED NANO-COATINGS ON HISTORICAL STONE SURFACES
16:40 - 17:10 Coffee Break			
17:10 - 17:40	B2.018	Monni	KNOWING THE HISTORY AND THE MODIFICATIONS DURING TIME OF A HISTORICAL BUILDING FOR A CAREFUL ASSESSMENT OF ITS SEISMIC VULNERABILITY.

Wednesday, October 23

Plato Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	C.137	Sprocati	INNOVATIVE MICROBEBASED TECHNOLOGY FOR THE REMOVAL OF DETERIORATED ANIMAL GLUES FROM PAPER MATERIALS
09:20 - 09:40	C.186	Del Gaudio	MOLECULAR TRACING OF B-THALASSEMIA IN ANCIENT GREEK HUMAN REMAINS
09:40 - 10:00	C.237	Catara	HISTORICAL GARDENS OF CATANIA (SICILY)
10:00 - 10:20	C.215	Geba	RESEARCH OF CELLULOSE BASED TEXTILES FROM CULTURAL HERITAGE AFTER GAMMA IRRADIATION
10:20 - 10:40	C.238	Catara	PLANTS OF HISTORICAL GARDENS OF MILAZZO (MESSINA, SICILY)
10:40 - 11:10	C.239	Cristaudo	BOTANICAL TRAITS OF CALTAGIRONE'S HISTORICAL GARDENS (CATANIA, SICILY)
11:10 - 11:30	C.244	Saied	ADVANCED TECHNICAL STUDIES OF A POLYCHROME GILDED FURNITURE CABINET DATED 19THC. FROM THE MANYAL PALACE MUSEUM, CAIRO.

11:30 - 12:00 Coffee Break

12:20 - 12:40	C.250	Abdel-Azeem	FUNGI AND THE SAN EL-HAGAR MONUMENTS, EGYPT
12:40 - 13:00	C.251	Moraitis	RE-DESIGNING GARDEN HISTORY: RESEARCH PROGRAM FOR THE UPGRADE OF THE NATIONAL GARDEN OF ATHENS
13:00 - 13:30	F.138	Michael Aimilios	THERMAL PERFORMANCE ANALYSIS OF VERNACULAR ARCHITECTURE IN NICOSIA, CYPRUS

13:30 - 14:30 Lunch

14:30 - 14:50	F.184	Calò	CULTURAL HERITAGE, THE SOURCE OF WISDOM, HERITAGE OF ALL HUMANITY
14:50 - 15:20	F.183	Cavuta	ITALIAN CULTURAL HERITAGE: REFLECTIONS AND PERSPECTIVES OF THE UNESCO SITES WITHIN THE NATIONAL TOURISM SYSTEM
15:20 - 15:40	F.189	Roter	THE NEW MANAGEMENT APPROACH IN PROTECTION AND REACTIVATION OF CULTURAL AND NATURAL HERITAGE IN RESAVA – MLAVA REGION
15:40 - 16:00	F.216	Calaon / Zerdi	LIVE, INTERACTIVE AND ZERO IMPACT: A PROJECT FOR A SUSTAINABLE ARCHAEOLOGICAL PARK IN TORCELLO, VENICE
16:00 - 16:20	F.204	Kokotou	THE SUSTAINABLE DEVELOPMENT OF A TRADITIONAL SETTLEMENT: THE CASE OF DRAKOPOULATA SETTLEMENT AS A MODEL OF CULTURAL, ECONOMICAL & TOURIST VIABLE UNIT.
16:20 - 16:40	F.205	Shehu	INTEGRATED MANAGEMENT OF CULTURAL HERITAGE AND ACTIVITIES IN THE MEDITERRANEAN COUNTRIES: AN INTEGRATED CULTURAL SYSTEM

16:40 - 17:10 Coffee Break

17:10 - 17:40	F.240	Burri	I QANAT DI NURATA IN UZBEKISTAN
17:40 - 18:00	F.206	Beriatou	BUILT HERITAGE IN GREEK INSULAR REGIONS: THE CASE OF CASTLES IN THE IONIAN ISLANDS
18:00 - 18:20	F.203	Mussoni	CENTRALIZED VS DECENTRALIZED TOURISM POLICIES: THE CASE OF UNESCO'S WORLD HERITAGE SITES
18:20 - 18:40	F.232	Oikonomopoulou	PRINCIPLES OF SPATIAL PLANNING FOR SUSTAINABLE DEVELOPMENT: CREATING AREAS OF OPEN-AIR MUSEUM IN MANI

Wednesday, October 23

Pythagoras Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	D.109	Fernández Navajas	SOFTWARE FOR STORAGE, MANAGEMENT AND ANALYSIS OF PHYSICAL PARAMETERS: CULTURAL HERITAGE MONITORING
09:20 - 09:40	D.164	Vecchio	AN ECOMUSEUM ICON OF THE MEDITERRANEAN IN THE ETNA VULCANO AREA
09:40 - 10:00	D.182	Bianchi	CULTURE AND INNOVATION IN SOUTH ITALY. THE CASE OF CALABRIA
10:00 - 10:20	D.133	Gagliardi	ONLINE CONTENT-BASED RETRIEVAL AND FRUITION WITH MULTIWORDNET: AN EXPERIMENTATION
10:20 - 10:40	D.149	Senatore	THE ORGANIC FINDINGS RECOVERED IN POMPEII SITE AND THE ACTIVITY OF THE APPLIED RESEARCH LABORATORY OF THE SOPRINTENDENZA ARCHEOLOGICA OF NAPLES AND POMPEII: THE LEGACY OF ANNAMARIA CIARALLO
10:40 - 11:10	D.118	Dionisi-Vici	INTEGRATING PARTIAL HYSTERESIS IN MICROCLIMATE ANALYTICAL METHODOLOGY FOR WOODEN OBJECTS OF ART
11:10 - 11:30	D.166	Famoso F.	RELIGIOUS ITINERARIES IN SICILY: AN EURO-MEDITERRANEAN ROUTE INSPIRED BY THE CULT OF ST. AGATHA
11:30 - 12:00 Coffee Break			
12:20 - 12:40	D.169	Zignale/Nuccio	A CULTURAL ITINERARY OF THE MUSEUMS, THE ARTS AND THE WORKS IN SICILY
12:40 - 13:00	D.170	Reina	ECO-MUSEUMS AND LANDSCAPE PLANNING IN ITALY
13:00 - 13:30	D.126	Giannotta	MARTA RACCONTA PROJECT: DEVELOPMENT OF VIRTUAL ENVIRONMENTS FOR THE MUSEUM COMMUNICATION
13:30 - 14:30 Lunch			
14:30 - 14:50	D.229	Rodic	TECHCOOLTUR AUGMENTED REALITY FOR PROMOTION OF ROMAN AND BYZANTINE ITINIRARIES
14:50 - 15:20	E.002	Barluenga	MULTIDISCIPLINARY INTEGRATED STUDY OF SAINT ILDEPHONSE'S COLLEGE, UNIVERSITY OF ALCALÁ (MADRID, SPAIN)
15:20 - 15:40	E.019	Guarneri	3D LASER-COLOURED SCANNING TECHNIQUE FOR AUTOMATIC FRESCOS DEFECT DETECTION
15:40 - 16:00	E.003	De Marchi	R&D FOR THE CULTURAL HERITAGE AS AN INNOVATIONPOLICY: THE INFORMATION SYSTEM ON THE SKILLS AND SCIENTIFIC RESULTS OF THE NATIONAL RESEARCH COUNCIL OF ITALY
16:00 - 16:20	E.009	Undurraga	ARCHITECTURAL ANALYSIS OF THE ANTEZANA HOSPITAL: A 15TH CENTURY NOBLE HOUSE IN THE HISTORIC CITY OF ALCALÁ DE HENARES (MADRID, SPAIN)
16:30 - 16:40	E.147	Polić-Radovanović	ROBOTS AND THE MULTIDISCIPLINARY VIEW TO NONSTANDARD HERITAGE OBJECTS
16:40 - 17:10 Coffee Break			
17:10 - 17:40	D.245	Puturidze	NEW PROJECTS IN CULTURAL HERITAGE OG GEORGIA: ACHIEVEMENTS AND PERSPECTIVES
17:40 - 18:00	E.249	Salvati	FROM THE OTHER SIDE OF THE FRINGE: PERI-URBAN AGRICULTURE AND LANDSCAPE IN THE MEDITERRANEAN REGION

Thursday, October 23-24

POSTER WALK 09:00 - 17:00

B1.159p	Ortiz Rocío	DIAGNOSIS AND VULNERABILITY MATRIX STUDY OF THE FIRST PARISHES OF SEVILLE (SPAIN)
B2.162p	Ortiz Pilar	GIS AND GEMOLOGICAL STUDY APPLIED TO AN IMAGE OF XVI CENTURY
B3.190p	Fenzi	ARCHAEOMETRIC INVESTIGATION ON GEOPOLYMERIC BINDERS OF ROMAN WATER WORKS IN VERONA (ITALY) (I CENTURY B.C)
B9.191p	Bottacin	ARCHAEOMETRIC INVESTIGATION ON ROMAN NAVAL RAMS AND HELMETS FROM LEVANZO ISLAND, SICILY - ITALY
E.242p	Pingue	NEW MEDIA AND CULTURAL HERITAGE
B11.044p	Rodica	NONDESTRUCTIVE CHARACTERIZATION OF NANOPARTICLES AND THEIR APPLICATION IN HISTORICAL PAPER PRESERVATION
D.032p	Jaén Sánchez	MUSEOLOGY, CONSERVATION AND ENHANCING OF CULTURAL MATERIALS LINKED TO LA VIRGEN DE LA ASUNCIÓN AND THE MISTERI D'ELX, ORAL AND INTANGIBLE HERITAGE OF UMANITY.
B1.199p	Sileo	THE "SASSI OF MATERA" SITE: EXAMINATION OF THE WEATHERING FORMS THROUGH ON-FIELD SURVEYS AND SPATIAL ANALYSIS
B3.210p	Mangone	A MULTIDISCIPLINARY APPROACH TO STUDY THE "SKIN" OF BAROQUE BUILDINGS IN SALENTO (APULIA, ITALY)
B6.209p	Mangone	CHEMICAL-PHYSICAL AND MORPHO-MINERALOGICAL METHODOLOGIES AS TOOLS FOR A FRESH VIEWPOINT ON MEDIEVAL GRAFFITA POTTERY
B6.208p	Mangone	AN OVERVIEW ON APULIAN RED FIGURED POTTERY: FROM MANUFACTURING PROCESSES TO PROVENANCE ISSUES
B6.214p	Caggiani	MULTI-TECHNIQUE APPROACH FOR THE INVESTIGATION OF OPAQUE GLASS FROM POMPEII

Thursday, October 24

Aristotle Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	A2.226	Camiz	URBAN MORPHOLOGY AND ARCHITECTURAL DESIGN IN MEDIEVAL SMALL TOWNS: SAN VITO ROMANO
09:20 - 09:40	A2.233	Efesiou	ARCHITECTURAL DOCUMENTATION, ANALYSIS, AND REUSE PROPOSAL OF THE HISTORIC VILLA KLONARIDES BUILDING IN PATISSIA, ATHENS
09:40 - 10:00	A2.228	Pecoraro	THE INTERDISCIPLINARY METHOD OF APPROACH FOR THE STUDY OF THE CRITERIA OF REUSE OF "SPOLIA" IN THE ARCHITECTURES OF MAURO MANIERI IN BRINDISI.
10:00 - 10:20	A3.070	Bağbancı M.	THE MATERIAL PROPERTIES OF HORASAN MORTARS IN SOME OTTOMAN PUBLIC BATHS IN BURSA-TURKEY
10:20 - 10:40	A3.252	Sposito	RECONFIGURING ANCIENT ARCHITECTURE: THE VILLA ROMANA IN PIAZZA ARMERINA
10:40 - 11:10	A2.236	Vintzileau	COMPATIBLE STRUCTURAL INTERVENTIONS IN THE HISTORICAL BUILDING OF VILLA KLONARIDI BASED ON INTERDISCIPLINARY METHODS OF ANALYSIS
11:10 - 11:30	A3.073	Köprülü	EXAMINATION OF THE MATERIAL PROPERTIES AND THE CONSTRUCTION TECHNIQUES OF TRADITIONAL OTTOMAN TIMBER HOUSES IN THE CUMALIKIZIK VILLAGE, BURSA-TURKEY
11:30 - 12:00 Coffee Break			
12:20 - 12:40	A3.063	Tony Ahmad	ARCHAEOLOGICAL AND HISTORICAL STUDY OF A RARE DIRHAM IN THE NAME OF MA-ZUZ B. TALUT, MINTED IN IJERHAN IN 223H.
12:40 - 13:00	A3.071	Bağbancı M.	THE STRUCTURAL FAILURES OF THE FRIGIDARIUM PART OF THE HISTORICAL OTTOMAN BATHS IN BURSA-TURKEY
13:00 - 13:30	A2.196	Milošević	ARCHAEOLOGICAL PARK "MEDIANA" BY NIŠ (NAISSUS) - OPPORTUNITIES OF REUSE AND PRESENTATION
13:30 - 14:30 Lunch			
14:30 - 14:50	A3.114	Chiazza	TEXT ARCHAEOLOGICAL AND URBAN CONTEXT: STRATEGIES FOR PROMOTING.
14:50 - 15:20	A2.224	Gigliarelli	CULTURAL HERITAGE, URBAN PLANNING AND THE SMART CITY
15:20 - 15:40	A3.103	Bandera	ROBOARCH: AN AUTONOMOUS ROBOT FOR ANALYSIS AND DOCUMENTATION OF HISTORICAL ARCHITECTURES
15:40 - 16:00	A3.090	Lanza Volpe	THE EFFECTS OF SOLAR RADIATION IN ARCHAEOLOGICAL SITES
16:00 - 16:30	A3.105	Conte	ROBOTIC TOOLS AND SYSTEMS FOR MAN/MACHINE COOPERATION IN UNDERWATER ARCHAEOLOGY
16:40 - 17:10 Coffee Break			
17:10 - 17:40	A3	Brugali	Robotics for the safeguard of cultural heritage
17:40 - 18:00	Workshop EACH / RICH		

Thursday, October 24

Socrates Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	B2.059	Rainone	AN INTEGRATED AND MULTIDISCIPLINARY APPROACH TO EVALUATE THE SEISMIC LOCAL RESPONSE AT HISTORICAL SITE: THE EXAMPLE OF GUARDIA AL VOMANO CHURCH (NOTARESCO - ABRUZZO)
09:20 - 09:40	B2.060	Rainone	STRATEGIES FOR THE GEOLOGICAL RISK ASSESSMENT OF CULTURAL HERITAGE IN AN HISTORICAL SITE: THE EXAMPLE OF CASENTINO (L'AQUILA – CENTRAL ITALY)
09:40 - 10:00	B2.160	Ortiz Rocío	GIS AS A TOOL TO EVALUATE FLOOD HAZARD ON HISTORICAL CITIES THE TOWN OF SEVILLE (SPAIN)
10:00 - 10:20	B2.012	Marghella	THE ECCLESIASTICAL COMPLEX OF SAN PIETRO CAPOFUME, ITALY: SEISMIC DAMAGES ON A TYPICAL HERITAGE IN THE PO RIVER VALLEY
10:20 - 10:40	B2.241	Prosperi Porta	BAM –IRAN ITALIAN – IRANIAN POST-EARTHQUAKE COOPERATION PROJECT TOWER 1: RESTORATION AND SEISMIC IMPROVEMENT MEASURES
10:40 - 11:10	B2.110	García-Diego	CONTINUOUS STUDY OF DIFFERENTIAL MOVEMENTS IN ARCHITECTURAL PARAMENTS: CASE OF SAN MIGUEL ARCHANGEL PARISH (JALANCE, SPAIN)
11:10 - 11:30	B2.058	Traykova	RESEARCH ON THE SEISMIC BEHAVIOUR AND THE RETROFITTING OF THE BUILDINGS FROM THE BULGARIAN CULTURAL HERITAGE
11:30 - 12:00 Coffee Break			
12:20 - 12:40	B7.053	Ugolini	A CONSULTING/PRESERVING MACHINE FOR MANUSCRIPTS: THE MALATESTIANA LIBRARY IN CESENA
12:40 - 13:00	B7.095	Ortiz Pilar	LIF DIAGNOSTIC ON WOODEN ARTWORKS: MEASUREMENTS OF PAINTED WOOD CORNERS OF GRAN PODER CANOPY
13:00 - 13:30	B9.004	Mödlinger	BRONZE AGE DEFENSIVE ARMOUR IN EASTERN EUROPE: ANALYSES AND ARCHAEOLOGICAL STUDIES ON PRODUCTION AND USAGE
13:30 - 14:30 Lunch			
14:30 - 14:50	B2.243	Carydis	EARTHQUAKE PROTECTION OF MONUMENTS, OF THEIR CONTENT & ATTACHMENTS BY AN UNDERGROUND SUSTAINABLE EARTHQUAKE REDUCTION SYSTEM
15:50 - 15:10	B9.065	Tony Ahmad	ARCHAEOLOGICAL AND HISTORICAL STUDY OF A RARE DINAR IN THE NAME OF AL-HASSAN B FĪRŪZAN, MINTED IN SARI IN 341H.
15:10 - 15:30	B9.221	Serafetinides	USE OF LASERS FOR CLEANING OF PAPER DOCUMENTS AND COINS
15:30 - 15:50	B9.178	Abo Elgat	TREATMENT AND RESTORATION OF ANTIQUE SWORD FROM OTTOMAN PERIOD (13TH AH /19TH AD CENTURY) AT THE NATIONAL MILITARY MUSEUM - SALADIN CITADEL IN EGYPT.
15:50 - 16:10	B9.123	Violano	SPECTROSCOPIC STUDIES OF XII-XIV CENTURY ITALIAN GOLD COINS BY X-RAY FLUORESCENCE
16:10 - 16:30	B9.225	Siova	DECHLORINATION OF MARINE IRON USING A NOVEL ELECTROCHEMICAL METHOD – EXPERIMENTAL PART
16:40 - 17:10 Coffee Break			
17:10 - 17:40	B1.050	Vegas	NATURAL FIBRES AS REINFORCEMENT OF GYPSUM COMPRESSION LAYERS

Thursday, October 24

Plato Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	B4.039	Karayazılı	CHARACTERISTICS OF MORTARS OF MOSAICS FROM A ROMAN VILLA IN ANTANDROS ANCIENT CITY, TURKEY
09:20 - 09:40	B4.064	Hagrassy	BIOMINERALIZATION CONSOLIDATION OF DEGRADED FRESCO WALL PAINTINGS BY UREOLYTIC BACTERIA
09:40 - 10:00	B4.079	Hristova	RESTORATION AND EXHIBITION OF WALL PAINTINGS OF THE EARLY CHRISTIAN BASILICA "THE RED CHURCH"
10:00 - 10:20	B4.111	Merello	EVALUATION OF A ROOF CHANGE IN THE ARIADNE'S HOUSE (POMPEII, ITALY): MICROCLIMATIC MONITORING
10:20 - 10:40	B4.143	Albani	THE STUCCO DECORATIONS IN S. EUSEBIO CHURCH IN CASTEL SAN PIETRO (CANTON TICINO). MATERIALS, TECHNIQUES AND CONSERVATION ISSUES
10:40 - 11:10	B4.150	Lampropoulos	MODEL STUDY FOR THE EXAMINATION OF THE PATHOLOGY AND CONSERVATION OF BUILDING AND DECORATIVE ELEMENTS OF BYZANTINE MONUMENTS: THE CASE OF AGIOS KONSTANTINOS IN MESSENIAPELOPONNESE
11:10 - 11:30	B4.213	Sarmati	THE DECORATED SURFACE OF THE NATIVITY CHURCH IN BETHLEHEM: RESEARCH, INVESTIGATION AND RESTORATION PROJECT
11:30 - 12:00 Coffee Break			
12:20 - 12:40	B5.028	Pavlov	OIL OVERPAINTINGS REMOVAL USING ATMOSPHERIC PRESSURE PLASMA
12:40 - 13:00	B5.066	Elmitwalli	ANALYTICAL STUDY OF TWO LACQUER OBJECTS FROM MUSEUM OF FACULTY OF APPLIED ARTS, HELWAN UNIVERSITY, GIZA - EGYPT UNIVERSITY - EGYPT
13:00 - 13:30	B5.029	Fantoni	HIGH RESOLUTION LASER IMAGING REMOTELY COLLECTED FROM PAINTED SURFACES: INFORMATION FROM REFLECTANCE AND FLUORESCENCE DATA
13:30 - 14:30 Lunch			
14:30 - 14:50	B5.082	Zia	PORTABLE NMR FOR PRACTICAL ANALYSIS OF ANCIENT WALL PAINTINGS
14:50 - 15:20	B5.115	Pérez-Villares Romero-Noguera	EVALUATION OF THE EFFICIENCY OF LIMONENE EMULSIONS TO REMOVE TERPENOID VARNISHES IN PAINTINGS BY GAS-CHROMATOGRAPHY MASS SPECTROMETRY (GC-MS)
15:20 - 15:40	B5.188	Castelli	APPLICATION OF MULTISPECTRAL IMAGING TO THE RECOVERY OF THE ORIGINAL ILLUMINATION CONDITIONS OF ANCIENT PAINTINGS IN CLOSED ENVIRONMENT
15:40 - 16:00	B5.139	Mahran	CONSERVATION OF THE MURAL PAINTINGS OF THE GREEK ORTHODOX CHURCH DOME OF SAINT GEORGE, OLD CAIRO-EGYPT
16:00 - 16:20	B5.145	Banou	OIL WORKS ON PAPER: INVESTIGATING THE EFFECT OF OIL MEDIUM ON THE PAPER SUPPORTS OF WORKS OF ART VIA VOC EMISSION ANALYSIS.
16:20 - 16:40	B5.187	Sottile / Santamaria	SEARCHING FOR A PROTECTIVE AGENT TO BE USED ON SURFACES OF ACRYLIC PAINTINGS
16:40 - 17:10 Coffee Break			
17:10 - 17:40	B5.119	Legnaioli	INTERDISCIPLINARY AND MULTI-TECHNIQUE APPROACH TO THE RESTORATION OF "LA PESTE A LUCCA", A MASTERPIECE OF LORENZO VIANI.
17:40 - 18:00	B5.193	Prestileo	APPLICATION OF HYPERSPECTRAL IMAGING FOR THE STUDY OF PIGMENTS IN PAINTINGS

Thursday, October 24

Pythagoras Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	E.083	Rabee	EFFICIENT INTEGRATION OF DIVERSE APPLICATIONS FOR 3D RECONSTRUCTION OF CULTURAL HERITAGE
09:20 - 09:40	E.057	Trizio	FROM "THE CLINICAL RECORDS OF THE MONUMENT" TO 3D GIS FOR THE HISTORIC ARCHITECTURE DOCUMENTATION
09:40 - 10:00	E.072	Rota	CLAN - CULTURAL LOCAL AREA NETWORK; A PROJECT FOR VALORIZATION AND CONSERVATION OF TERRITORY'S WIDESPREAD CULTURAL HERITAGE
10:00 - 10:20	E.194	Lemmi	THE VALLE DEL SERCHIO (TUSCANY) AS A NEW TOURIST DESTINATION. A CASE HISTORY
10:20 - 10:40	E.086	Signore	HISTORICAL PLACE NAMES: FROM ARCHIVES TO LINKED OPEN DATA
10:40 - 11:10	E.043	Caron	FROM HERITAGE BUILDING DIGITIZATION TO COMPUTERIZED EDUCATION
11:10 - 11:30	E.087	Garraffo	ADVANCED INFORMATIC METHODOLOGIES APPLIED TO THE CULTURAL HERITAGE: 3D RECONSTRUCTION OF THE S. ANGELO DI CIVITELLA OF NESCE COMPLEX (RIETI, ITALY).
11:30 - 12:00 Coffee Break			
12:20 - 12:40	E.089	Striber	DIASPORA AND SURROUNDINGS - METHODOLOGY FOR RESEARCH REGARDING ISSUES OF IDENTITY AND GLOBALIZATION
12:40 - 13:00	E.098	Baratin	GIS-BASED ARCHAEOLOGICAL RECORDING IN LEBANON
13:00 - 13:30	E.127	Fassina	CEN TC 346 - CONSERVATION OF CULTURAL HERITAGE-UPDATE OF THE ACTIVITY AFTER A EIGHT YEAR PERIOD
13:30 - 14:30 Lunch			
14:30 - 14:50	E.136	Gabellone	SIRACUSA 3D REBORN'. AN ANCIENTGREEKCITY BROUGHT BACK TO LIFE
14:50 - 15:20	E.141	Ioannidis	THE DIGITAL STEREO-ORTHOPHOTO: A TECHNIQUE FOR OPTIMAL GEOMETRIC DOCUMENTATION OF COMPLEX ARCHAEOLOGICAL MONUMENTS
15:20 - 15:40	E.091	Maiellaro	MU.S.A. - MUST SEE ADVISOR PROJECT: A CULTURAL HERITAGE BOOSTER
15:40 - 16:00	E.140	Philokyprou	DEVELOPMENT OF A DIGITAL DATABASE OF THE VERNACULAR ARCHITECTURE OF CYPRUS
16:00 - 16:20	E.120	Palleschi	EXTRACTING INFORMATION FROM MULTIMODAL IMAGES OF DOCUMENTS AND ARTWORKS
16:20 - 16:40	E.128	Fassina	CONDITION ASSESSMENT OF FUNERARY MONUMENTS IN THE CLOISTERS OF ST. ANTHONY BASILICA IN PADOVA
16:40 - 17:10 Coffee Break			
17:10 - 17:40	E.013	Delli Santi	INDUSTRIAL HERITAGE IN BASILICATA (SOUTHERN ITALY)

Thursday, October 23-24

POSTER WALK 09:00 - 17:00

B1.159p	Ortiz Rocío	DIAGNOSIS AND VULNERABILITY MATRIX STUDY OF THE FIRST PARISHES OF SEVILLE (SPAIN)
B2.162p	Ortiz Pilar	GIS AND GEMOLOGICAL STUDY APPLIED TO AN IMAGE OF XVI CENTURY
B3.190p	Fenzi	ARCHAEOMETRIC INVESTIGATION ON GEOPOLYMERIC BINDERS OF ROMAN WATER WORKS IN VERONA (ITALY) (I CENTURY B.C)
B9.191p	Bottacin	ARCHAEOMETRIC INVESTIGATION ON ROMAN NAVAL RAMS AND HELMETS FROM LEVANZO ISLAND, SICILY - ITALY
E.242p	Pingue	NEW MEDIA AND CULTURAL HERITAGE
B11.044p	Rodica	NONDESTRUCTIVE CHARACTERIZATION OF NANOPARTICLES AND THEIR APPLICATION IN HISTORICAL PAPER PRESERVATION
D.032p	Jaén Sánchez	MUSEOLOGY, CONSERVATION AND ENHANCING OF CULTURAL MATERIALS LINKED TO LA VIRGEN DE LA ASUNCIÓN AND THE MISTERI D'ELX, ORAL AND INTANGIBLE HERITAGE OF UMANITY.
B1.199p	Sileo	THE "SASSI OF MATERA" SITE: EXAMINATION OF THE WEATHERING FORMS THROUGH ON-FIELD SURVEYS AND SPATIAL ANALYSIS
B3.210p	Mangone	A MULTIDISCIPLINARY APPROACH TO STUDY THE "SKIN" OF BAROQUE BUILDINGS IN SALENTO (APULIA, ITALY)
B6.209p	Mangone	CHEMICAL-PHYSICAL AND MORPHO-MINERALOGICAL METHODOLOGIES AS TOOLS FOR A FRESH VIEWPOINT ON MEDIEVAL GRAFFITA POTTERY
B6.208p	Mangone	AN OVERVIEW ON APULIAN RED FIGURED POTTERY: FROM MANUFACTURING PROCESSES TO PROVENANCE ISSUES
B6.214p	Caggiani	MULTI-TECHNIQUE APPROACH FOR THE INVESTIGATION OF OPAQUE GLASS FROM POMPEII

Friday, October 25

Aristotle Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	A3.129	Giannotta	THE ARCHAEOLOGICAL SITE OF BADIA IN TERRA D'OTRANTO: CONTRIBUTION OF THE GEOPHYSICAL PROSPECTING TO THE RECONSTRUCTION OF THE LANDSCAPE FROM THE LATE ANTIQUITY TO THE MIDDLE AGE
09:20 - 09:40	A3.130	Elashmawy	EFFECT OF STATIC FORCES AND THE DETERIORATION MECHANISMS IN SANDSTONE STRUCTURAL ELEMENTS AND SUGGESTIVE TREATMENTS TO SOME TEMPLES
09:40 - 10:00	A3.131	Brogni	THE AGORA OF SEGESTA IN IMMERSIVE VIRTUAL ENVIRONMENTS
10:00 - 10:20	A3.135	Carcagnì	OBJECT TRACKING FRAMEWORK FOR UAV-BASED SURVEILLANCE OF CULTURAL HERITAGE SITES
10:20 - 10:40	A3.163	Baiani	ARCHAEOLOGICAL SITES VS DIGITAL SITES INCLUSION, CONTAMINATION, EVOCATION BETWEEN MEMORY AND INNOVATION TECHNOLOGIES
10:40 - 11:10	A2.042	Pretelli	INDOOR MICROCLIMATE AND PRESERVATION OF HISTORIC ARCHITECTURE: THE MALATESTIANA LIBRARY IN CESENA
11:10 - 11:30	A3.144	Conticello	THE ARCHAEOLOGY HERITAGE MAP OF ITALY PROJECT AND A OPENDATA PROJECT FOR CULTURAL HERITAGE

11:30 - 12:00 Coffee Break

12:20 - 12:40	A4.219	Meir	ENVIRONMENTAL CONSTRAINTS AND THE SHAPING OF THE NEGEV DESERT SETTLEMENTS IN ANTIQUITY.
12:40 - 13:00	B9.191	Bottacin	ARCHAEOMETRIC INVESTIGATION ON ROMAN NAVAL RAMS AND HELMETS FROM LEVANZO ISLAND, SICILY - ITALY
13:00 - 13:30	A3.099	Gehmlich	THE "ARCHAEOCOPTER" PROJECT: AIRBORNE, IMAGE-BASED DOCUMENTATION OF SAXONY'S HERITAGE

13:30 - 14:30 Lunch

14:30 - 15:00	A3.198	Capineri	HIGH RESOLUTION SUBSURFACE IMAGING WITH A HOLOGRAPHIC RADAR MOUNTED ON A ROBOTIC SCANNER.
15:00 - 15:30	A3.142	Allotta	TEAMS OF ROBOTS FOR UNDERWATER ARCHAEOLOGY: THE ARROWS PROJECT
15:30 - 16:00	A4.085	Sadeq	CREATING AIR CHANNELS AROUND HISTORICAL MONUMENTS TO REDUCE THE AMOUNT OF SOIL MOISTURE
16:00 - 16:20	A5.151	Papayianni	HISTORIC Lighthouses: TYPOLOGY, MORPHOLOGY AND STRUCTURE

16:40 - 17:10 Coffee Break

17:40 - 18:40 NTUA Auditorium - Closing Ceremony

Friday, October 25

Socrates Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	B3.008	Abd El Hady	COLLAPSE OF PHYSICAL STRUCTURE OF ANCIENT EGYPTIAN TIAN ALABASTER
09:20 - 09:40	B3.022	Abdel Kader	STUDY THE CONSERVATION PROCESSES OF INCARNATE STONE OBJECTS APPLIED ON A CHOSEN OBJECT FROM ATFIYAH MUSEUM STORE HELWAN - EGYPT
09:40 - 10:00	B3.033	Ferrazza	INFLUENCE OF THE PETROPHYSICAL CHARACTERISTICS AND STATE OF CONSERVATION OF STONE SUPPORTS IN THE PENETRATION AND EFFICIENCY OF CONSOLIDATION TREATMENTS IN HISTORIC MONUMENTS
10:00 - 10:20	B3.132	Ioannou	INTER-LABORATORY CHARACTERIZATION OF BUILDING AND DECORATIVE LIMESTONES FROM CYPRUS
10:20 - 10:40	B3.067	Elmitwalli	PETROGRAPHIC AND ANALYTICAL INVESTIGATION OF ROMAN POTTERY (WATER TUBES) USED IN HADRIAN'S BATHS LEPICIS, LIBYA.
10:40: 11:10	B3.045	Ion Rodica	CHALK STONE CONSERVATION WITH HYDROXYAPATITE -A STUDY CASE-
11:10 - 11:30	B3.068	Abdel Rahim	ANALYTICAL STUDY OF ARCHAEOLOGICAL POTTER SARCOPHAGUS. GRECO ROMA PERIOD, FROM SAQQARA, EGYPT

11:30 - 12:00 Coffee Break

12:00 - 12:30	B3.108	Pasiou	ELECTRIC CURRENT EMISSIONS VERSUS ACOUSTIC EMISSIONS IN THE STUDY OF INTERCONNECTED MARBLE STRUCTURAL ELEMENTS
12:20 - 12:40	B3.201	Canol Halit	ANCIENT MARBLES FROM IASOS OF CARIA, MINERALOGICAL AND PETROGRAPHIC CHARACTERIZATION AND PROBLEMS OF CONSERVATION
12:40 - 13:10	B3.051	Peñalver Martínez	SALT WEATHERING ON STONE: A CHALLENGE TO THE CONSERVATION OF UNDERGROUND MINING HERITAGE ENHANCED FOR TOURIST EXPLOITATION, THE AGRUPA-VICENTA MINE, SPAIN
13:10 - 13:30	B3.202	Canol Halit	NEW DIAGNOSTIC THOUGHT FOR THE QUANTITATIVE DEGRADATION DETECTED ON THE ANCIENT STONE MONUMENTS WHICH WERE RESTORED BY PORTLAND CEMENT

13:30 - 14:30 Lunch

14:30 - 14:50	B3.153	Lazzarini	SEVEN COLOURED TYPES OF STONE FROM GREECE USED IN ANTIQUITY AND THEIR DETERIORATION PROBLEMS
14:50 - 15:20	B3.192	Bergamonti	SELF-CLEANING OF ARTISTIC STONES: EVALUATION OF TIO2 BASED TREATMENTS ON "PIETRA DI NOTO"

16:40 - 17:10 Coffee Break

17:40 - 18:40 NTUA Auditorium - Closing Ceremony

Friday, October 25

Plato Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	B6.015	Hatipoğlu	ARCHAEO-GEMOLOGICAL IMPORTANCE OF THE ANCIENT CARIA CITY; ALABANDA (DOĞANYURT, ÇİNE-AYDIN, WESTERN TURKEY)
09:20 - 09:40	B6.026	Hamad Rasha	DETERIORATION FACTORS INFLUENCING ARCHAEOLOGICAL GLASS WHICH USED FOR MEDICAL PURPOSES APPLIED ON A CASE STUDY FROM ISLAMIC ART MUSEUM - CAIRO - EGYPT
09:40 - 10:00	B6.080	Khalifa	ANALYTICAL STUDY OF SOME UNPUBLISHED GLASS LANTERNS AT ISLAMIC ART MUSEUM IN CAIRO
10:00 - 10:20	B6.088	Hatipoğlu	ARCHAEO-GEMMOLOGICAL AGEING OF ANCIENT MICROCRYSTALLINE MATERIALS ACCORDING TO THE ELECTRICAL FEATURE; IN THE CASE OF UNBANDED BLUE CHALCEDONY GLYPTICS IN İZMİR ARCHAEOLOGICAL MUSEUM
10:20 - 10:40	B6.220	Sorrentino	SPECTROSCOPIC STUDIES ON ETRUSCAN ARCHAEOLOGICAL FINDINGS
10:40: 11:10	B6.092	Hatipoğlu	CENTRE OF GOLD MINING AND JEWELRY MAKING IN THE LYDIA KINGDOM IN THE 6TH CENTURY B.C.; SARDIS (SALİHLİ-MANİSA, WESTERN TURKEY)
11:10 - 11:30	B11.030	Stefanova	CLEANING OF VARNISH ON 18TH CENTURY RUSSIAN ICON 'SAINT NICHOLAS' BY MEANS OF ATMOSPHERIC PRESSURE PLASMA

11:30 - 12:00 Coffee Break

12:20 - 12:40	B11.122	Stefanidou	USING NANOTECHNOLOGY FOR UPGRADING TRADITIONAL BINDING SYSTEMS
12:40 - 13:00	B11.146	Lloris	NANOENCAPSULATED BIOCIDES DEVELOPMENT AS NEW ADDITIVE MORTAR IN RESTORATION OF MONUMENTS AND WORKS IN STONE SUPPORT
13:00 - 13:30	B11.014	Di Salvo	NANOSTRUCTURED MATERIALS FOR PROTECTION AND CONSOLIDATION OF ANCIENT STRUCTURES

13:30 - 14:30 Lunch

14:30 - 15:00	B11.094	Maravelaki	SYNTHESIS AND CHARACTERIZATION OF A BIO INSPIRED CALCIUM OXALATE-SILICA NANO-COMPOSITE FOR STONE CONSERVATION
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16:40 - 17:10 Coffee Break

17:40 - 18:40 NTUA Auditorium - Closing Ceremony

Friday, October 25

Pythagoras Lecture Hall

Time	Code	Speaker	Title
09:00 - 09:20	E.154	Bursich	TELL TUQAN - GRAPHIC DESIGN, COMUNICATION AND ENHANCEMENT
09:20 - 09:40	E.155	Bursich / Palmieri	THE VICUS OF CALVATONE-BEDRIACUM: CULTURAL HERITAGE PROMOTION AND COMMUNICATION.
09:40 - 10:00	E.157	Pellettieri	HISTORIC CELLARS OF BASILICATA, THE "CINTI" OF GRASSANO.
10:00 - 10:20	E.179	Biliotti	BUILDING AN OPEN SOUND ARCHIVE: THE CASE OF THE GRA.FO PROJECT
10:20 - 10:40	E.185	Ricci	RIO DE JANEIRO, ROME AND THE MAJOR EVENTS: COMPARING MODELS OF URBAN DEVELOPMENT
10:40: 11:10	E.078	Gresik	RECORDS (REACHING RECORDING DATA TECHNOLOGIES)
11:10 - 11:30	E.148	Pellettieri	MENSALE: MENSE STORICHE ED ARTISTICHE LUCANE

11:30 - 12:00 Coffee Break

12:20 - 12:40	E.211	Tsipotas	INTERDISCIPLINARY STUDY OF THE PRESERVATION STATE AND PROPOSALS FOR CONSERVATION PROCEDURES OF THE EARLY CHRISTIAN BASILICA IN THE SANCTUARY OF APOLLO ERETHIMIOS IN THEOLOGOS, RHODES
12:40 - 13:00	E.230	Katsaros	THE LIDORIKI PROJECT - A HISTORICAL TOPOGRAPHY" SURVEY, DOCUMENTATION & MAPPING OF HISTORICAL LIDORIKI PROVINCE, MUNICIPALITY OF DORIS
13:00 - 13:30	E.223	Napoli	PROMOTING CULTURAL HERITAGE & ITC IN THE MIDI-PYRÉNÉES REGION

13:30 - 14:30 Lunch

14:30 - 14:50	E.234	Skordaki	APPLICATION OF INTERGRATED DOCUMENTATION PROTOCOLS IN VILLA KLONARIDIS (HISTORIC BUILDING)
14:50 - 15:20	E.231	Konstanti	PROBLEM - BASED METHODOLOGY IN BUILT HERITAGE PROTECTION - A PARADIGM FOR BUILDING MATERIALS' DECAY DUE TO ACID RAIN
15:20 - 15:40	E.235	Moropoulou	HANDS - ON CULTURAL HERITAGE" EDUCATIONAL APPROACH INTERCONNECTING SECONDARY WITH TERTIARY LEVEL EDUCATION
15:40 - 16:10	E.227	Dallari	THE TRADITIONAL HANDICRAFTS ACTIVITIES IN MEDITERRANEAN REGION, A INTANGIBLE HERITAGE AT RISK. CASE HISTORY OF ITALY

16:40 - 17:10 Coffee Break

17:40 - 18:40 NTUA Auditorium - Closing Ceremony







