

Wednesday, June 11th

8:00 REGISTRATION								
9:40-10:40 OPENING CEREMONY (ROOM 1)								
10:40-11:20 PLENARY LECTURE Nasser Hamdan								
11:20-12:00 COFFEE BREAK								
		ROOM 1			ROOM 2			ROOM 3
		SESSION 1 Non-Destructive Testing 1			SESSION 2 Microanalysis 1			SESSION 3
		Chairperson: Laura Alba			Chairperson: José Vicente Fuente			Chairperson: Roman. Maev
TIME	IDN	TITLE	IDN	TITLE	IDN	TITLE		
12:00 -12:20	113	PRESERVATION AND ANALYSIS OF "MUSEO ARQUEOLOGICO NACIONAL"(MAN) COLLECTION, WITHIN THE CONTEXT OF ITS INTEGRAL RENEWAL/RESTAURATION <i>Gómez Espinosa Teresa; Culubret Worms Bárbara; Moreno Cifuentes M^a Antonia; Arroyo Macarro Margarita; Orozco Delgado Durgba; Acaz Mendive Raquel; Mesa Martín Lourdes</i>	27	TWO DIMENSIONAL NUCLEAR MAGNETIC RESONANCE RELAXOMETRY (2D NMR-R) FOR ARCHAEOLOGICAL CERAMICS CHARACTERIZATION <i>Casieri Cinzia; Terenzi Camilla; De Luca Francesco</i>	102	THE STATE-OF-THE ART INNOVATIVE TECHNOLOGIES FOR NON DESTRUCTIVE ANALYSIS OF THE FINE ART OBJECTS <i>Maev Roman Gr</i>		
12:20-12:40	118	EL GRECO: "FROM ITALY TO TOLEDO. TECHNICAL STUDY OF WORKS IN THE THYSSEN-BORNEMISZA COLLECTION" <i>Pérez Susana</i>	44	STUDY OF ALKALINE NANOPARTICLES DISTRIBUTION IN TREATED DEGRADATED MANUSCRIPTS BY USING QUASI- NON DESTRUCTIVE ANALYTICAL TECHNIQUES <i>Garcia Jose Francisco; Marin Eva; Clemente Miquel; Jimenez Jessica; Sistach Carme; Ferrer Nuria; Poggi Giovanna; Giorgi Rodorico; Baglioni Piero</i>	35	ARTWORKS PRESERVATION CONSIDERATIONS: PHYSICAL AND CHEMICAL NON-DESTRUCTIVE AND MICRO-DESTRUCTIVE SOLUTIONS FOR A SMART RESTORATION – A CASE STUDY <i>Sfarra Stefano; Ibarra-Castanedo Clemente; Tortora Mariagrazia; Arrizza Lorenzo; Ambrosini Dario; Paoletti Alfonso; Bendada Abdelhakim; Casieri Cinzia; Paoletti Domenica; Cerichelli Giorgio; Maldague Xavier</i>		
12:40-13:00	99	A NON-DESTRUCTIVE ANALYSIS OF THE MURAL PAINTINGS OF LAS HIGUERAS, XALAPA <i>Meza Adriana; Aguilar-Tellez Dulce Maria; Claes Pieterjan; Casanova-González Edgar; Maynez-Rojas Miguel; Ruvalcaba-Sil José Luis</i>	50	MANUFACTURE PROCEDURES OF GOLD JEWELRY CHARACTERIZED BY A PORTABLE MICRO-XRF SPECTROMETER <i>Scrivano Simona; Blanca Gómez Tubío; Ines Ortega-Feliu; F.J. Ager; A.I. Moreno-Suárez; M.L. De La Bandera; M.A. Respaldiza</i>	65	NONDESTRUCTIVE DEPTH PROFILING OF ARTEFACTS BY USING TERAHERTZ PULSE ECHO TECHNIQUE <i>Fukunaga Kaori</i>		
13:00-13:20	105	THE KEY ROLE OF DIAGNOSTICS APPLIED TO CULTURAL HERITAGE TO TEACH SCIENCE TO BEGINNERS. THE CASE OF THE PACIANO ALTARPIECE OF SIGNORELLI <i>Ridolfi Stefano; De Chirico Fabio; Zalabra Federica; Carocci Ilaria; Bruni Bruno; Casaglia Luana</i>	55	APPLICATION OF A HANDHELD FTIR SPECTROMETER WITH DIFFUSE REFLECTANCE AND ATR HOLDERS FOR THE ANALYSIS OF PAINTED ARTWORKS <i>Košařová Veronika; Hradilová Janka; Hradil David</i>	98	ADVANCEMENTS IN THERMOGRAPHIC IMAGE EXTRACTION IN ANALYSIS OF FINE ART <i>Gavrilov Dmitry; Maeva Elena; Maev Roman</i>		
13:20-13:40	108	THE POTENTIAL OF PORTABLE X-RAY FLUORESCENCE ANALYSIS (PXRF) AS A NON-DESTRUCTIVE TOOL FOR CONSTRAINING THE PROVENANCE OF SANDSTONES <i>Everett Paul</i>	57	ANALYTICAL INVESTIGATION AND LASER RESTORATION OF ARCHAEOLOGICAL METALS <i>Medina María Cruz; Donate Inmaculada; Barrio Joaquín; Zucchiatti Alessandro; Pardo Ana Isabel; Gutiérrez Lucía; Cid Juan Pablo; Fuentes Ángel</i>	101	GEOGRAPHICAL CLASSIFICATION OF CRAQUELURE ON PAINTINGS <i>El-Youssef Ahmed; Maev Roman</i>		
13:40-14:00					120	NEUTRON AND X-RAY IMAGING AS COMPLEMENTARY METHODS FOR NON-INVASIVE INVESTIGATIONS OF CULTURAL HERITAGE OBJECTS <i>Mannes David, Wörle Marie, H. Lehmann Eberhard</i>		

14:00-15:20	LUNCH								
Wednesday, June 11th									
		ROOM 1			ROOM 2			ROOM 3	
		SESSION 4 Non-Destructive Testing 2			SESSION 5 Control and Monitoring of Heritage 1			SESSION 6 Microanalysis 2	
		Chairperson: Susana Perez			Chairperson: José Vicente Fuente			Chairperson: Sofia Aparicio	
TIME	IDN	TITLE		IDN	TITLE		IDN	TITLE	
15:20-15:40	5	INFRARED THERMOGRAPHY APPLIED TO THE INVESTIGATION OF LIBRARY AND ARCHIVE MATERIAL <i>Mercuri Fulvio; Cicero Cristina; Orazi Noemi; Zammit Ugo; Paoloni Stefano; Marinelli Massimo; Gnoli Roberta; Doni Giulia; Pucci Mara</i>		60	THE INTEGRATION OF NON DESTRUCTIVE TECHNIQUES AND METHODS TO ASSESS THE CONSERVATION CONDITIONS OF PAINTED PLASTER <i>Volinia Monica; Giroto Mario</i>		7	MALACOLOGICAL PROVENANCE STUDIES UTILIZING MICROSCOPIC AND CHROMATOGRAPHIC ANALYSES OF HISTORIC PURPLE COLORANTS <i>Koren Zvi</i>	
15:40-16:00	9	CHARACTERIZATION OF BEATO ANGELICO'S GILDING TECHNIQUE BY MEANS OF X-RAY FLUORESCENCE <i>Mazzinghi Anna; Castelli Lisa; Giuntini Lorenzo; Gelli Nicla; Carraresi Luca; Czelusniak Caroline; Fedi Mariaelena; Taccetti Francesco; Palla Lara; Mandò Pier Andrea</i>		69	DIGITAL SURVEY AND REALITY-BASED 3D MODELING FOR A MULTIDISCIPLINARY KNOWLEDGE OF SOME UNESCO WORLD HERITAGE SITES IN ITALY <i>De Masi Alessandro</i>		12	NEW NATURAL DYES FOR THE RESTORATION OF TEXTILES: MORPHOLOGICAL, PHYSICAL AND CHEMICAL ANALYSES OF WOOLLEN THREADS (INNOCOLORS PROJECT) <i>Croveri Paola; Giovagnoli Annamaria; Piccirillo Anna; Cavaleri Tiziana; Clonier Isabelle; De La Sayette Anne; Girardin Valérie</i>	
16:00-16:20	10	STUDY ON BEATO ANGELICO'S PAINTING TECHNIQUE BY MEANS OF X-RAY FLUORESCENCE <i>Mazzinghi Anna</i>		74	ADVANCE PORTABLE SPECTROMETER FOR EDXRF ANALYSIS IN CULTURAL HERITAGE APPLICATIONS <i>Frizzi Tommaso; Alberti Roberto; Celani Andrea; Bombelli Luca; Gironda Michele</i>		24	APPLICATION OF HPLC-HR-TOF-MS TO THE ANALYSIS OF NATURAL PIGMENTS AND DYES IN CULTURAL HERITAGE ARTIFACTS <i>Marras Susana; Parra Enrique; Pojana Giulio</i>	
16:20-16:40	16	THE CONTRIBUTION OF IMAGING TECHNIQUES TO NON-DESTRUCTIVE TESTING OF OIL PAINTINGS ON PAPER SUPPORTS <i>Kaminari Agathi-Anthoula; Moutsatsou Anna; Banou Penelope; Alexopoulou Athina</i>		77	NON-INVASIVE MONITORING SYSTEMS FOR MONUMENTAL HERITAGE IN THE CALABRIAN REGION, ITALY [PROJECT PON-MASSIMO "MONITORAGGIO IN AREA SISMICA DI SISTEMI MONUMENTALI" – PON01_02710] <i>Maria Fabrizia Buongiorno, Massimo Musacchio, Giuseppe Casula, Maria Giovanna Bianchi, Mara Tiberti, Fabio Speranza, Fawzi Doumaz, Salvatore Stramondo, Massimo Chiappini, Anna Gervasi, Michela Pisegna, Malvina Silvestri, Sergio Falcone, Carmelo Lapiana, Iolanda Gaudiosi, Antonio Montuori, Antonio Vecchio, Emiliano Russo, Maria Ilaria Pannaccione Apa, Giacinto Porco, Dolores Romano, Ignazio Guerra, Letizia Compagnone, Massimo Cuomo, Maurizio Nicolai, Angela De Marco, Emilio Minasi, Michele De Marco</i>		33	OIL BASED MEDIA ON PAPER: INVESTIGATING THE EFFECT OF OIL MEDIUM ON THE PAPER SUPPORTS VIA VOC EMISSION ANALYSIS. <i>Banou Penelope; Alexopoulou Athena; Singer Brian; Zervos Spyros; Terlix Agni-Vasilía; Tsimogiannis Dimitris; Chranioti Charikleia</i>	

16:40-17:20	COFFEE BREAK
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17:20-17:40	POSTER SESSION
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Wednesday, June 11th

		ROOM 1			ROOM 2			ROOM 3
		SESSION 7 Non-Destructive Testing 3			SESSION 8 Enviroment 1			SESSION 9 Microanalysis 3
		Chairperson: Esther Mora			Chairperson: Giovanni Pascale			Chairperson: Annamaria Giovagnoli
TIME	IDN	TITLE	IDN	TITLE	IDN	TITLE		
17:40-18:00	20	NONDESTRUCTIVE SURVEILLANCE TO LOCATE THE HIDDEN ELEMENTS IN SANTA BARBARA CHAPEL IN BRONCHALES (TERUEL) <i>Fuente José Vicente; Gracia María Pilar</i>	11	STUDY AND APPLICATION OF A CRYOBLASTING METHOD FOR THE CLEANING OF STONE SURFACES <i>Bertasa Moira; Cavaleri Tiziana; Chiantore Oscar; Croveri Paola; Giovagnoli Annamaria;Nervo Marco; Malasomma Marco; Poli Tommaso; Demmelbauer Marco; Russo Daniela</i>	19	OIL PAINTINGS ON PAPER SUPPORTS: INVESTIGATING THE STATE OF PRESERVATION OF THE PAPER SUPPORT USING NDT AND MICROANALYSIS TECHNIQUES <i>Alexopoulou Athena; Banou Penelope; Kaminari Agathi-Anthoula; Moutsatsou Annita</i>		
18:00-18:20	22	NON INVASIVE CHARACTERIZATION OF PIGMENTS ON "MONOCHROMES ON MARBLE" FROM HERCULANEUM AND POMPEII: NEW RESEARCHES <i>Bracci Susanna; Iannaccone Roberta; Lenzi Sara; Liverani Paolo</i>	28	IN SITUDETECTION BY NUCLEAR MAGNETIC RESONANCE RELAXOMETRY (NMR-R) OF ANOMALOUS HYDRATION DUE TO NITRATE POLLUTION IN CALCAREOUS STONE <i>Casieri Cinzia; Terenzi Camilla; De Luca Francesco</i>	39	MULTISPECTRAL IMAGING APPLIED TO THE DELIMITATION OF THE ECOLOGICAL NICHE OF DETERIORATING MICROORGANISMS IN LIBRARIES AND HYPOGEA <i>Fabretti Giuseppe; Pinzari Flavia; De Cicco Maria Antonietta; Bartolini Marco;Sclocchi Maria Carla; Colaizzi Piero; Bertinetti Marina; Montella Francesca</i>		
18:20-18:40	23	THE RELATIONSHIP BETWEEN NON-DESTRUCTIVE TESTING METHODS AND ART-LAW <i>Kemle Nicolai; Berg Karin</i>	73	NDT FOR THE DETECTION AND CHARACTERIZATION OF SUPERFICIAL TREATMENTS ON STONE MATERIAL FROM ARCHAEOLOGICAL SITES OF MERIDA (SPAIN) <i>Perez-Ema Natalia; Alvarez De Buergo Monica; Bustamante Rosa; Alberghina MariaFrancesca; Fontana Dorotea; Longo Anna; Marrale Maurizio; Tranchina Luigi; Brai Maria</i>	40	μ-ANALYTICAL EVALUATION OF REDUCTIVE ATMOSPHERIC PLASMA AFTERGLOW CLEANING ON DAGUERREOTYPES <i>Grieten Eva; Storme Patrick; Schalm Olivier; Schryvers Dominique</i>		
18:40-19:00	25	INFRARED REFLECTOGRAPHY APPLIED TO VARIOUS ARTISTIC MATERIALS AND OBJECTS IN THE COLLECTIONS OF THE MNAC <i>Campuzano Mireia; Pedragosa Núria; Ramells Carme</i>	114	MONITORING TECHNIQUES FOR MICROCLIMATIC ANALYSIS IN CULTURAL AND NATURAL HERITAGE FOR DECAY EVALUATION <i>Freire-Lista D.M.; Martínez-Garrido MI.; Fort R.; Álvarez De Buergo M.</i>	79	IDENTIFICATION OF OILS AND PROTEIN BINDERS IN ROMANIC PAINTINGS BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION –TIME OF FLIGHT MASS SPECTROMETRY <i>Alcayde Maria José; Sarmiento Marina; Verdaguer Judit; Agulló Núria; Borrás Salvador</i>		

MUSEO ARQUEOLÓGICO NACIONAL

19:20-20:10	Welcome words: Andres Carretero (Director Museo Arqueológico Nacional) PLENARY LECTURE Franco Zanini
20:20	WELCOME PARTY

Thursday, June 12th

8:00	REGISTRATION				
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	ROOM 1		ROOM 2		ROOM 3
	SESSION 10 Non-Destructive Testing 4		SESSION 11 Microanalysis 4		WORKSHOP NANOMATCH
	Chairperson: Lucio Nobile		Chairperson: Stefano Ridolfi		Chairperson: Vicente Forrat

TIME	IDN	TITLE	IDN	TITLE	Speech	TITLE
9:00-9:20	51	DETECTION OF FORGERY IN ANCIENT CERAMIC POTTERY AIDED BY MEASUREMENT OF THERMOPHYSICAL PROPERTIES <i>Cadelano Gianluca; Bison Paolo; Bortolin Alessandro; Ferrarini Giovanni; Girotto Mario; Volinia Monica</i>	54	"PEOTA REALE" (SAVOY ROYAL BARGE): CHARACTERIZATION OF ORIGINAL AND RESTORATION MATERIALS <i>Croveri Paola; Piccirillo Anna; Poli Tommaso; Giovagnoli Annamaria</i>	1.	Presentation of AIDICO (sponsor of the ART'14 Congress) - AIDICO
9:20-9:40	63	COEXISTENCE OF MINIMUM AND LEAD WHITE IN PAINTINGS: IN SITU ANALYSIS BY A NON-INVASIVE APPROACH <i>Daveri Alessia; Moretti Patrizia; Gabrieli Francesca; Rosi Francesca; Cartechini Laura; Miliani Costanza; Brunetti Brunetto Giovanni; Vagnini Manuela</i>	67	ASSESSMENT OF CONSOLIDATION EFFECTIVENESS OF NEW TEOS-BASED FORMULATIONS BY A MULTITECHNIQUE APPROACH <i>Maurich Celeste; Rosi Francesca; Presciutti Federica; Skrlep Luka; Sever Skapin Andrijana; Miliani Costanza</i>	2	General presentation of NANOMATCH project - CNR_ISAC
9:40-10:00	64	"HEAD OF DIADOCO". TECHNICAL STUDIES ON A BRONZE GREEK SCULPTURE. <i>Arias Riera Elena</i>	81	MATERIAL INVESTIGATION OF THE LATE GOTHIC POLYCHROME OF THE NATIVITY RELIEF FROM THE CORONA MARIAE MONASTERY IN TŘEBAŘOV IN MORAVIA <i>Dáňová Helena; Šefců Radka; Třeštková Anna; Pitthard Václav</i>	3	Metal alkoxides. Fundamentals and mechanism as consolidant treatments - CNR_IENI
10:00-10:20	66	MULTITECHNIQUE APPROACH FOR THE NON-INVASIVE STUDY OF THE VITTORE GRUBICZY COLLECTION <i>Gabrieli Francesca; Cartechini Laura; Daveri Alessia; Buti David; Romani Aldo; Marchesi Claudia; Buzzegoli Ezio; Rosi Francesca</i>	85	FTIR SPECTROSCOPY OF NATURAL VARNISH COMPONENTS IN CULTURAL HERITAGE: LIMITATIONS AND POSSIBILITIES <i>Beltran Victoria; Salvadó Nati; Butí Salvador</i>	4	Application and workability of NANOMATCH products on wood - TECNALIA
10:20-10:40	76	NEXT STEP IN STONE SUPERFICIAL CONSOLIDATION PRODUCTS: EVOLUTION AND EVALUATION.			5	Application and workability of NANOMATCH products on stony materials and wall paintings - DUCT

Alcayde Maria José; Borrós Salvador; Agulló Núria

10:40-11:20

COFFEE BREAK

Thursday, June 12th

		ROOM 1		ROOM 2		ROOM 3
		SESSION 12 Non-Destructive Testing 5		SESSION 13 Enviroment 2		WORKSHOP NANOMATCH
		Chairperson: Monica Volinia		Chairperson: Daniela Saviello		Chairperson: Vicente Forrat
TIME	IDN	TITLE	IDN	TITLE	Speech	TITLE
11:20-11:40	26	INFRARED REFLECTOGRAPHY (IRR) FOR LARGE FORMATS: COMPARISON OF VARIOUS CAPTURE AND MOSAIC ASSEMBLY METHODOLOGIES FOR LARGE FORMAT EASEL PAINTINGS <i>Hernández Eumelia; Laclavetine Kilian; Alvarado Ricardo; Kriznar Anabelle; Muñoz María Del Valme; Vega Mercedes; Arroyo Elsa; Ruvalcaba Sil Jose Luis; Respaldiza Miguel Angel</i>	14	CHEMICAL AND PHYSICAL MONITORING FOR ASSESSING THE OF THE EFFICIENCY OF HISTORICAL SHOWCASES <i>Giani Elisabetta; Basilissi Vilma; Cacace Carlo; Civita Francesco; Colombini Maria Perla; Giovagnoli Annamaria; Gordini Livia; Matè Donatella; Monteforte Isabella; Paradisi Alessandra</i>	6	NanomeCH: Nano and Advanced Materials for Cultural Heritage - CNR_ISAC
11:40-12:00	30	NON DESTRUCTIVE INVESTIGATIONS FOR A RESEARCH ON ANCIENT IRANIAN GOLD JEWELS AND COINS <i>Di Flumeri Gabriella; Venditti Caterina Paola; Cesareo Roberto; Marabelli Maurizio; Iole Marcella</i>	43	INDOOR-OUTDOOR EXCHANGE AND AEROSOL SOURCES IN MUSEUM ENVIRONMENTS <i>Cartechini Laura; Castellini Silvia; Moroni Beatrice; Palmieri Melissa; Pitzurra Lucia; Sebastiani Bartolomeo; Vagnini Manuela; Selvaggi Roberta; Brunetti Brunetto Giovanni; Cappelletti David Michele</i>	7	IMAT project: a step forward in smart artwork conservation – Tomas Markevicius
12:00-12:20	36	COMPUTED TOMOGRAPHY STUDY APPLIED ON THE INTERVENTION PROCESS OF LA VIRGEN DEL LLOSAR <i>Juanes Barber David; Ferrazza Livio</i>	92	WEATHERING AND PRESERVATION OF CHALK STONES FROM BASARABI CHURCHES (ROMANIA) <i>Ion Rodica-Mariana; Fierascu Radu-Claudiu; Fierascu Irina; Ion Mihaela-Lucia; Turcanu-Carutiu Daniela; Mihaly Maria; Rogozea Adina; Meghea Aurelia</i>	8	Non-destructive testing on stone materials and heritage assets - AIDICO
12:20-12:40	49	USE OF THE DIGITAL VIDEO MICROSCOPE (DVM) FOR NON-DESTRUCTIVE STUDIES IN THE FIELD OF THE CONSERVATION OF STONE MATERIALS <i>Davidde Petriaggi Barbara; Ricci Sandra; Priori Gian Franco; La Russa Mauro; Ruffolo Silvestro Antonio</i>	97	EFFECTIVENESS OF PROTECTION< DAMAGE ASSESSMENTAND NOVEL NANOPARTICLE BASED CONSERVATION TREATMENT <i>Odlyha Marianne; Ion Rodica-Mariana; Fierascu Radu-Claudiu; Fierascu Irina; Ion Mihaela-Lucia; Turcanu-Carutiu Daniela; Mihaly</i>		

			<i>Maria; Rogoza Adina; Meghea Aurelia</i>	
12:40-13:00	96	MICHELANGELO'S DRAWINGS SEEN UNDER ULTRAVIOLET, VISIBLE, INFRARED AND X RAYS <i>Striova Jana; Pampaloni Enrico; Barucci Marco; Fontana Raffaella; Bracci Susanna; Riminesi Cristiano; Marongiu Marcella</i>	111	PHOSPHINE FUMIGATION DAMAGE: CORROSION OF METAL AN METAL-TEXTILE COMPOSITE MUSEUM OBJECTS <i>Gherdán Katalin; Weiszbürg T; Bendő Zs; Váci T.; Zajzon N.; Kristály F.</i>

13:00-14:20	LUNCH			
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Thursday, June 12th

		ROOM 1		ROOM 2		POSTER AREA
		SESSION 14 Non-Destructive Testing 6		SESSION 15 Control and Monitoring of Heritage 2		WORKSHOP NANO MATCH
		Chairperson: Gabriella Di Flumeri		Chairperson: Franco Zanini		Chairperson: Vicente Forrat
TIME	IDN	TITLE	IDN	TITLE		TITLE
14:20-14:40	86	THE NEW X-RAY IMAGING FACILITY AT THE CENTRO CONSERVAZIONE E RESTAURO "LA VENARIA REALE" <i>Mila Giorgia; Albertin Fauzia; Buscaglia Paola; Dughera Giovanni; Mereu Paolo; Nervo Marco; Pastrone Nadia; Petrucci Ferruccio; Prino Francesco; Ramello Luciano; Sacchi Roberto</i>	71	MULTISPECTRAL PHOTOGRAMMETRIC TECHNIQUES AND MULTISPECTRAL RTI IN MONITORING OF SURFACES IN ARCHEOLOGICAL AND CULTURAL HERITAGES FIELDS <i>Biondi Elena; Bovero Alessandro; Triolo Paolo</i>		PRACTICAL DEMONSTRATION IN THE POSTER AREA Technical training. Application of the products, comparison to commercially available ones, documentation and discussion – DUCT
14:40-15:00	87	USE OF THE PARAMETRIC LOUDSPEAKER IN ACOUSTIC DIAGNOSTICS OF PANEL PAINTINGS: LABORATORY CHARACTERIZATION AND ON SITE EXPERIMENTATIONS <i>Calicchia Paola; Di Marcoberardino Lucilla; De Simone Sara; Marchal Jacques</i>	78	SOIL BUILDING INTERACTION: THE COLOSSEUM, ROME - ITALY, CASE STUDY <i>Caserta Arrigo; Valente Gianfranco; Marra Fabrizio; Govoni Aladino</i>		
15:00-15:20	91	ANALYSIS OF ST. NICOLAS CHURCH BY MEANS GROUND PENETRATING RADAR TECHNIQUE <i>Bosch Ignacio; Gosalbez Jorge; Miralles Ramón</i>	82	RESPONSE OF DIFFERENT TYPES OF CONSTRUCTIONS TO SEISMIC STRESS: THE COSENZA (ITALY) AND REGGIO DI CALABRIA (ITALY) CASE STUDY <i>Caserta Arrigo; Govoni Aladino; Gaudiosi Iolanda; Valente Gianfranco</i>		
15:20-15:40	93	FTIR AND RAMAN IN SITU ANALYSES OF GREEN STONE BURIAL OFFERINGS FROM THE MAYA SITE OF PALENQUE, MEXICO <i>Casanova-González Edgar; Claes Pieterjn; Ruvalcaba-Sil José Luis; Manrique-Ortega Mayra Dafne; Delgado-Robles Alma Angelina; Maynez-Rojas Miguel</i>	119	SOFTWARE TOOL FOR THREAD COUNTING IN X-RAYS OF PLAIN-WEAVE PAINTING CANVAS <i>Murillo-Fuentes Juan José; Fondón-García Irene; Simois Francisco J.</i>		

15:40-16:00	COFFEE BREAK			
16:00-16:20	POSTER SESSION			
16:20-17:30	TRANSFER TO MUSEO THYSEEN-BORNEMISZA			
17:45-18:40	Welcome words: Guillermo Solana (Artistic Director Thyssen Bornemisza Museum) Evelio Acevedo (Managing Director Thyssen Bornemisza Museum) PLENARY LECTURE Nieves Valentin			
19:00-20:30	SPANISH WINE			
Friday, June 13th				
8:00	REGISTRATION			
	ROOM 1			
	SESSION 16 Non-Destructive Testing 7		SESSION 17 Control and Monitoring of Heritage 3	
	Chairperson: Rafael Martínez-Oña		Chairperson: Naser Hamdan	
TIME	IDN	TITLE	IDN	TITLE
9:00-9:20	4	SENSORS AND A MICROEAVES AS A REMEDIAL TREATMENT OF WOOD <i>Martinez Antonio; Perez Eva</i>	45	AERIAL MULTISPECTRAL SURVEYS - FROM THE ANALYSIS OF ARCHITECTURAL MONUMENTS TO THE IDENTIFICATION OF ARCHAEOLOGICAL SITES <i>Bottoni Mario; Fabretti Giuseppe; Fabretti Maurizio</i>
9:20-9:40	15	A NEW METHODOLOGY FOR CHECKING SAFETY LEVEL INDEX OF EXPOSURES INSIDE MUSEUMS <i>Giovagnoli Annamaria; Angelini Emma; Civita Francesco; Corbellini Simone; D'Ercoli Giorgio; Grassini Sabrina; Marabelli Maurizio; Paradisi Alessandra; Parvis Marco; Santin Veniero</i>	52	MOISTURE MONITORING OF HISTORICAL FRESCOES BY TIMED INFRARED THERMOGRAPHY <i>Caldelano Gianluca; Bison Paolo; Bortolin Alessandro; Ferrarini Giovanni; Girotto Mario; Peron Fabio; Volinia Monica</i>
9:40-10:00	37	APPLICATION OF 3D SCANNER FOR THE STRUCTURAL ANALYSIS OF THE THIN BRICK VAULTS <i>Moya Lluís; Vicente Paulino</i>	53	CRACK MONITORING IN MICHELANGELO'S DAVID <i>Pascale Giovanni; Lolli Antonio; Bastianini Filippo</i>

10:00-10:20	47	NON-DESTRUCTIVE ELECTROCHEMICAL EVALUATION OF THE PATINAS ON THE BRONZE SPHINXES OF THE MUSEO ARQUEOLÓGICO NACIONAL IN MADRID <i>Crespo Ana; Ramirez Barat Blanca; Lafuente Diana; Díaz Soledad; García Emma; Cano Emilio</i>	62	ENVIRONMENTAL CONTROL OF THE CLOISTER OF THE MONASTERY OF SANTA MARÍA DE EL PAULAR (MADRID, ESPAÑA) <i>Gil María Teresa; Herráez Juan Antonio; Barceló Eduardo; Vázquez Daniel</i>
10:20-10:40	48	SYSTEM AND A WORKING METHOD TO OBTAIN HIGH DEFINITION RADIOGRAPHS AND VIDEO-RADIOGRAPHS USING A REVOLVING PLATFORM AND WIDE-FORMAT WIRELESS FLAT PANEL DETECTOR WITH AUTO TRIGGER CAPABILITY AND 100 MICRONS PIXEL PITCH <i>García Oliveros Francisco</i>	107	PERFORMANCE EVALUATION OF WIRELESS SENSOR NETWORKS FOR ARCHITECTURAL HERITAGE CONSERVATION <i>Aparicio Sofi a; Ranz Javier; Molero Miguel; Martinez-Garrido María Inmaculada; Hernández Margarita G</i>

10:40-11:20	COFFEE BREAK			
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Friday 13th June

		ROOM 1			
		SESSION 18 Non-Destructive Testing 8			SESSION 19 Mechanical Characterisation of Historical Masonry 1
		Chairperson: Rafael Martínez-Oña			Chairperson: José Antonio Andrade
TIME	IDN	TITLE	IDN	TITLE	
11:20-11:40	75	TOFD FEASIBILITY FOR CHARACTERIZING CRACKS IN HISTORICAL STONE MATERIALS <i>Gosalbez Jorge; Genovés Vicente; Bosch Ignacio</i>	6	DIAGNOSTIC TESTS VS STRUCTURAL MODELS: THE UTILITY OF THE COMPARISON <i>Foppoli Dario; Armanasco Alessandro</i>	
11:40-12:00	83	DAMAGE ASSESSMENT OF PARCHMENT: SEEING AT THE NANOSCALE TO PRESERVE OUR CULTURAL HERITAGE <i>Bozec Laurent; Bartoletti Angelica; Odlyha Marianne</i>	56	COMBINED ULTRASONIC-ENDOSCOPY NDT TECHNIQUES FOR HISTORIC MASONRY STRUCTURAL EVALUATION <i>Ranalli Danilo; Santacroce Cristina</i>	
12:00-12:20	88	NON-INVASIVE IDENTIFICATION OF PLASTIC MATERIALS IN MUSEUM COLLECTIONS WITH PORTABLE FTIR REFLECTANCE SPECTROSCOPY <i>Saviello Daniela; Toniolo Lucia; Goidanich Sara; Casadio Francesca</i>	94	FLAT-JACK TEST FOR THE DIAGNOSIS AND THE RESTORATION OF HISTORICAL BUILDINGS <i>Nobile Lucio</i>	
12:20-12:40			109	COMBINED TECHNIQUES FOR HISTORICAL BUILDINGS MONITORING <i>Caserta Arrigo; Gaudiosi Iolanda; Porco Giacinto</i>	
12:40-13:00					

13:00-13:40	CLOSING CEREMONY (ROOM 2)
14:00-16:00	FAREWELL COCTAIL