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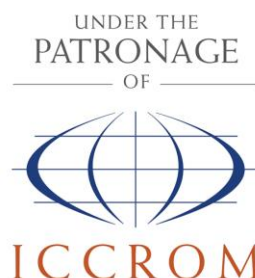
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ICOM
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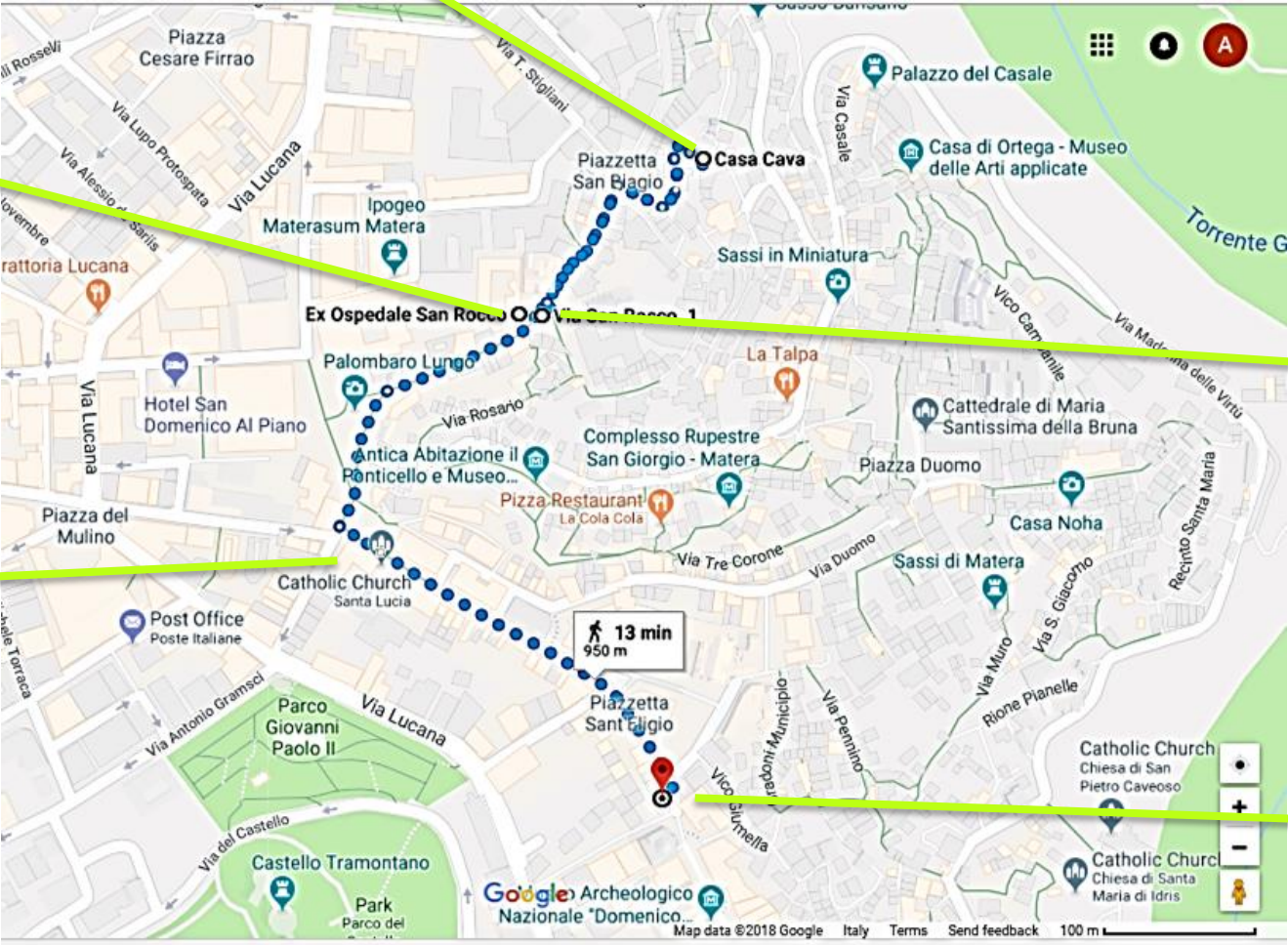
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Valentina Venuti, University of Messina – Italy
Stephane Verger, ENS Archaeology and Philology of East and West – AOROC – France

Venue A: Casa Cava

Venue B: Former hospital of S. Rocco, Church of Cristo Flagellato, S. Giovanni Battista square, Matera

Venue D: ISCR (Istituto Superiore per la Conservazione ed il Restauro) Scuola di Alta Formazione “Michele D’Elia” Via Luigi La Vista 5, Matera



Venue C: University of Basilicata, via S. Rocco 1, Matera
[C1: Aula Sassu / C2:Aula 43]

Venue E: Matera Province – Sala Consiliare, Via Ridola, 60, Matera

22 MAY Dialogues in Cultural Heritage

		SESSION 1: Open Cultural Heritage LAB (Venue E: Matera Province – Sala Consiliare, Via Ridola, 60, Matera) Session dedicated to advocacy of science applied to cultural heritage conservation and valorisation where the citizen and local schools can develop interactive laboratories.	
9.00	10.00	TALK AI di la del visibile: nuovi approcci e tecnologie per il patrimonio culturale IBAM CNR	HAND ON La Scienza fatta Bene YOCOCU
10.00	11.00	FESTIVALIA. L'archeologia si racconta Scuola di Specializzazione in Beni Archeologici di Matera	La storia ultra millenaria di Matera attraverso un video gioco DIGITAL LIGHT HOUSE
11.00	11.40	Introduction to color science and photodegradation Tomasz Łojewski, AGH University of Science and Technology (Poland)	
12.00	13.00	Visual Thinking Strategies Laboratory Vincenza Ferrara, Sapienza Università di Roma	Realtà aumentate 3D Research - UNICAL
15.30	16.30	Workshop: Tomasz Łojewski, AGH University of Science and Technology (Poland)	
16:30	19.00	Open Cultural Heritage LAB: Involve the communities, co-design & restore. Coordinated by MATERA HUB	

23 May Talking about Cultural Heritage and Museum

9.00	10.00		Welcome to YOCOCU 2018 [VENUE A: Casa Cava] - Registration
10.00	10.20		Opening: Stefano De Caro, Special Advisor to the Director General of ICCROM
10.20	11.10		by: Aurelia Sole (Unibas Rector), Mirocle Crisci (UNICAL), Raffaello Giulio De Ruggieri (Matera Major), Daniele Malfitana (CNR-IBAM), Andrea Macchia (YOCOCU), Nicola Masini (IBAM),
11.10	11.30		Pompeii: Past, Present and Future, Massimo Osanna General Director of Archaeological Park of Pompeii
11.30	11.50		Documenting restoration: why not ondigital 3d models, Roberto Scopigno (CNR-ISTI)
11.50	13.00		Round Table: <i>Inclusive Museum for sharing Culture</i> . Chair: Cinzia Dalmaso Invited: Stefano De Caro, Massimo Osanna, Roberto Scopigno, Marta Ragozzino (Polo Museale Basilicata - Director), Vania Virgili (Mibact), Carmine Lubritto (University of Campania, Aiar), Diavù (MuRO), Alberto Garlandini (ICOM)
13.00	14.00	LUNCH [Venue B: Ex S. Rocco Hospital]	

		Session 2_MUSEUM & INDOOR ENVIRONMENT [Venue B: Ex S. Rocco Hospital] Chair: Alberto Garlandini (ICOM), Aldo R. D. Accardi (San Raffaele University)			Sessione 3_ANALYTICAL INVESTIGATION [Venue C: University, Room C1: Aula Sassu] Chair: Loredana Luvidi (ICVBC CNR), Carmine Lubritto (Aiar, Rete CHnet)			
14.00	14.15	Microclimate and indoor air quality assessment and monitoring	Comprehending the effects of climate enhancing measures through real-time climate monitoring.	J. Callier, O. Schalm and W. Anaf	Stone & Paintings	Laser cleaning on polychromy and gilding marbles: the case of altar dossal of Orte cathedral (Vt)	D. Montemaggiori, G. Galanti, S. Pannuzi	
14.15	14.30		Microclimate study of the Pius IX Library	G. Ceres, P. Scuderi, F. Mercuri and U. Zammit		Characterization by laser ablation lcp-ms of obsidian from Casale del Pescatore Montecompatri (Latium-Italy)	D. Barca, M.F. La Russa, A. Macchia, M. Ricca, M. Malorgio, A. Anzidei, A. Zarattini	
14.30	14.45		Indoor air quality assessment in heritage conservation: development of a user-friendly software	D. Leyva Pernia, W. Anaf, S. Demeyer and O. Schalm		Application of FORS and vil imaging techniques for the identification and study of the Egyptian Blue between archaeology and science	F. Aramini	
14.45	15.00		Multiscale and multi-sensor monitoring: preliminary results from the “Crypt of Original Sin”, Matera (Southern Italy)	M. Sileo, F.T. Gizzi, A. Donvito, L. D’Andrea, R. Lasaponara, N. Masini, N.		Fast and non-invasive identification of binding media in easel paintings by a portable hyperspectral sensor	C. Wang, S. Moretti, M. Camaiti	
15.00	15.15		The fluidity of Cultural Heritage. valorisation and preservation of tangible and intangible heritage by a design driven approach	D. Giorgi, G. Lotti, V. Frosini		Combined Experimental SERS and Theoretical Study on Organic Pigments in the Field of Cultural Heritage	V. Mollica Nardo, F. Saija, A. Sinopoli, S. Trusso, R.C. Ponterio	
15.15	15.30	Design and Exhibition	Contemporary art in storage facilities of newly designed museums – conservation issues	M. Loddo	Ceramics	Innovative Method for the Analysis of Synthetic Dyes Used in Cultural Heritage using TLC and m-Enhanced Spectroscopy	D. I. Quintero Balbas, G. Sciutto, E. Catelli, S. Prati, R. Mazzeo	
15.30	15.45		Serious game for the enhancement of learning.	F. Gabellone, M. Chiffi		Developing integrated techniques for paintings diagnostics	C. Colantonio, S. Laureti, C. Pelosi, P. Burrascano, M. Melis, G. Calabrò, H. Malekmohammadi, S. Sfarra, M. Ricci	
15.45	16.00		Research and design: a new base for the Pieta’ Rondanini by Michelangelo	E. Giani, A. Cigada, G. Fazio, S. Vedovello, L. Toniolo, E. Zappa		The rupestrian cultural heritage in Southern Italy: wall painting materials from the rock-cut church of S. Angelo in Mottola (Taranto)	A. Calia, D. Melica, G. Quarta	
16.00	16.15		Vibrational impact on fragile historic mixed-media objects	W. Anaf, M. Van Bos, M. Debulpaep, W. Wei		Session 4_ARCHEOMETRY [Venue C, room C1: Aula Sassu] Chair: Monica Alvarez de Buergo (CSIC-UCM), Fernada Prestileo (ICVBC CNR)		
16.15	16.30		The baroque marble altars in some church of Bari (Italy): 3d survey, characterization and provenance of materials and valorization hypothesis	A. Acciani, R. Buongiorno, M.A. Catella and G. Fioretti		Archaeometric characterization of Roman ceramics from El Saucedo (Talavera La Nueva, Toledo): first clues to find the workshop of origin.	I. Donate, R. Castelo, A. M.López, J. I. Serrano, M.C. Medina, A .I. Pardo, M. Bustamante, J. F. Blanco, M. Zamora, J. Barrio	
16.30	16.50	Coffe Break [Venue B]						
16.50	17.05	Design and Exhibition	Technological innovation and new museographic frontiers for accessibility to cultural heritage	A.R.D. Accardi, S. Chiarenza, R. Inglisa, N. Scarpato	Glass & Metals	SR-based FTOR and Raman spectroscopies for the archaeometric investigation of decorated pottery fragments (XIX century A. D.) from Azerbaijan archaeological site	V. Crupi, V. Venuti, F. Khalilli, A. Macchia, S. A. Ruffolo, N. Rovella, L. Vaccari, G. Birarda, D. Majolino and M. F. La Russa	
17.05	17.20		Innovative materials and technologies for accessibility and social inclusion in museums	Federica Fernandez		Enhancing properties of clay mortars bt the use of alkali compounds	A. Karozou Stefanidou M.	
17.20	17.35		Work memories in super 8: the dawn of paper recycling in Brescia	A. Plutino, M.P. Lanaro, A. Ghiroldi, R. Cammarata and A. Rizzi		The Reverse Glass Painting from Banat during the 19 th Century. Case Study: Saint George and the dragon	A. Foanene	
17.35	17.50		More than words: a symbolical approach to exhibit design.the case of “Museo delta antico” in Comacchi	A. Tricoli, M. Biancardi		Studying and decoding the secrets hidden in the 18-20th centuries Portuguese glass arcana	C.R. Santos, T. Palomar, P. Dabas and I. Coutinho	
17.50	18.05		AR technology to talk about cultural heritage: gamification, 3d models and low-cost scanning techniques to tell an interactive story	M. Scioscia, S. Lorusso, M. Berterame		The color effect of orasol dyes in epoxy resins HXTAL NYL-1 and araldite 2020 for glass and ceramics conservation	M. I. Celorico, J. L. Ferreira, I. Coutinho	
18:05	18:20	Special Session: IRAN [Venue B] Chair: Alberto Garlandini (ICOM)				Glass & Metals		
			Collection of lithographic books in Malek national museum and library; a step towards identifying compounds of Iranian early lithographic ink	M. Taghipour, F. Bahrololoumy	Conservation issues surrounding a desert climate: the case of the archaeological site at Saruq al Hadid.		A. Monreal, L. Gutierrez , L. Murillo , J. Cowey , Al Ali Y, A. Mohamoud	
18:20	18:35		Recognizing the values of Kashan historical city context in order to achieve appropriate regeneration (case study: Sar Pelleh Passway)	R. Rezazadeh Ardabili, M. Rezazadeh Ardabili, F. Mollazadeh	Provenance studies of a set of filigree glass unearthed in Portugal and dated to the 16th and 17th centuries: preliminary results		M.R. Varela, F. Pulido Valente, T. Medici, B. Gratuze, I. Coutinho	
18.35	18:50		Study on decay of the stone used in Anahita Temple of Kangavar, West of Iran	V. Barnoos, A. Shekofteh, O. Oudbashi	Circulation Network		Ayse Betul Yazici	
18:50	19:05		Discussion					
19:30	21:00	WELCOME COCKTAIL AT MATERA SASSI As the sun dips towards the horizon, sip a glass of wine and see the famous "Sassi" into different colors – from gold to orange, red and mauve. Enjoy this beautiful Sunset to have the Welocme in Matera and to start the meeting with wine and music by a street artist Price: FREE event						

		Session 5_INNOVATIVE METHODS AND MATERIALS [Venue B: Ex S. Rocco Hospital] Chair: Eduarda Vieira (Católica Porto), Mauro Francesco La Russa (UNICAL)			Session 6_CULTURAL HERITAGE [Venue C: University, Room C1: Aula Sassu] Chair: Vincenza Ferrara (Sapienza University)		
Time							
9.00	9.15	Stone	Assessment of ammonium phosphate for the consolidation of artificially aged carbonatic stones	M. Martino and M. Álvarez de Buergo	Management and policy	Heritage management and indigenous peoples: a collaborative project with the camèntsá people	J. Acuña Suárez, M. Marques Miranda
9.15	9.30		Use of bioactive substances produced by cannabis sativa l. for cleaning biologically contaminated monuments	L.Scrano, S.Milan, , F. Lerario, M. Santacroce, L. Calabrone, L. Milella, S.A. Bufo		Excellence unit “science in the Alhambra” (Granada, Spain): from promoting synergies among research disciplines to knowledge transfer	C. Cardell, A. Fábregas, A. Malpica
9.30	9.45		A new low impact cleaning method to remove biopatinas from marble surfaces	G. Torenò, D. Isola, P. Meloni, G. Carcangiu, L. Selbmann, S. Onofri, G. Caneva, L. Zucconi		The importance of public understanding on material conservation: the case of Macao	K. I. Kong
9.45	10.00		Superhydrophobic fluorinated oligomer as protective agent for building materials	Y. Cao, M. Camaiti and A. Salvini		Exploring into urban development and heritage preservation of Macau	Leung Cheok Io and Wu Jing
10.00	10.15		Microstructural consolidation of historic surfaces by di-ammonium hydrogen phosphate (DAP) first in situ applications - results' evaluation	A.K. Defus		Dissemination strategies for cultural heritage: the case of the tomb of Zechariah in Jerusalem, Israel	M. Bercigli
10.15	10.30		Effect of ageing by salt crystallization on a calcarenitic stone consolidated with nano-sio2	E. Vasanelli, A. Calia and M. Masieri, G. Baldi		Usage of wood in traditional west Mediterranean house: example of Isparta	A. B. Gökarşlan, H. Tuncer
10.30	10.45		Macro xrf scans assist and improve the conservation of stained-glass windows	S. Legrand, G. Van der Snickt, S.Cagno, J. Caen and K. Janssens		Method to quantify the possible impacts of tourism on archaeological sites and constructions in area 22 - destined for "Centro Demo Etno Antropologico - Sasso Caveoso" - Matera	S. P. Brieger Rocabado
10.45	11.00		White bronze artifacts from the Islamic collections of Mnao. Study, conservation and application of green corrosion inhibitors	S. Mossuto, V. Basilissi, G. D’Ercoli, E. Giani, G. Guida, S. Pannuzi, G. Priori, G. Di Flumeri Vatielli		Value- based management of Urmia historical bazaar	F. Mollazadeh, S. Fadaei Nezhad, M. Rahimi
11.00	11.20	COFFEE BREAK [Venue B: Ex S. Rocco Hospital]					
11.20	11.35	Others materials	Acrylic based fillers for archaeological ceramics: an evaluation of materials and methods	M. Patriarca	Education and Interpretation	Changing place identity and its influence on social connection of cultural built heritage	O.S. Adetunji, J. MacKee, I. Ahmed
11.35	11.50		Investigation of a derived plant product (nopalgel) as consolidant for paper heritage	P. Prudentino, C. Alisi, G.Pasquariello, L. Bacchetta, A. Rosa Sprocati, A. Orozco, F. Persia		The visual thinking strategies method: a chance to approach cultural heritage for the personal growth and to generate protection actions	M.A. Colizzi, M.G. Camerota , L. Signore, R. J.Trillana Sales , V. Vannozzi, V. Ferrara
11.50	12.05		A new use of hydrolates to preserve paper artworks from biodeteriogens attack	M. Di Vito, M.G. Bellardi, P. Colaizzi, D. Ruggiero, C. Mazzuca, L. Micheli, S. Sotgiu, S. Iannuccelli, M. Michelozzi, F. Mondello, P. Mattarelli- M.C. Sclocchi		Matera UNESCO Chair - Architecture between visible and invisible: space, symbols and theater of the mind	T. Tonin and A. P. Colonna
12.05	12.20		Capsulated essential oils in gel spheres for the protection of cellulosic cultural heritage	L. Campanella, F. Grimaldi, R. Angeloni, R. Reale, F. Cibun, M.P. Sammartino		The Role of Heritage Educational Programmes in Influencing the Cultural Identity of Young People: The Case of Macao Heritage Ambassador Association	K. F. Wong (Marcus), C. Chan (Alisa)
12.20	12.35		Archaeology in Georgia	G. Alasania		Cultural heritage and schoolchildren: the new projects of 2017	F. Khalilli, S. Abdullayev, S. Nematov, A. Alimammadov, S. Mammadova
12.35	12.50		Discussion			The Handi Project: community-based cultural heritage education	L. de Castro
12.50	14.00	LUNCH					
Session 7: Cultural heritage in America(s)							
14.00	14.30	Goffard, Sandrine (USA Embassy in Rome): FAC, First Aid to Culture					
14.30	14.50	Norma Barbacci (Preservation Consultants, LLC): Challenges of International Preservation Work					
14.50	15.10	Valerie Magar (Instituto Nacional de Antropología e Historia, Monterrey INAH)					
15.10	15.30	Ricardo Morales					
15.30	15.45	Session 8_ARCHITECTURAL AND BUILT HERITAGE [Venue B] Chair: Alvaro Higueras (YOCOCU)			Session 6_CULTURAL HERITAGE [Venue C: University] Chair: Celestino Grifa (University of Sannio)		
		Industrial Heritage and Archaeology	Hatuey beer factory. Proposal of valorization and reuse of the industrial heritage of Santiago de Cuba	L. Rizo Aguilera, A. Brioso, Y. Batista Gallego	Interpretation	Interrogating immersion: exhibition design practices for heritage interpretation	D. Gradusova
Storellingfor Cultural Heritage: The Milo's case study	F. Bruno, M. Muzzupappa, P. di Cuia, M. Cozza, R. Peluso, S. Medaglia		Recover “Chatan”- one of most ancient handmade goods, which are important samples of Azerbaijan material culture	K. M. Aliyeva			
Medieval shipsheds of mediterranean basin. Knowing in order to recover	A. Guida, A. Pagliuca, D. Debenedictis		Cultural networks and innovative practices: Towards a dynamic cooperation between museum and education through three Greek case studies	A. Koufou, P. Georgopoulou, G.Manolopoulou, G. Papadopoulou, D. Koliopoulos			
Railroad buildings of Eskişehir: challenges & opportunities for industrial heritage	B. EKİMCİ, F. ERGİNCAN, M. İNCEOĞLU		MATERA Interpretative analysis and territory’s valorization strategies	S. Parentini, A. Veronese			
16.30	16.50	Coffe Break [Venue B]					
16.50	17.30	POSTER & LIVING LAB SESSION_ The participants will use the session to show the researches (Poster) and techniques, materials, products (living LAB) used in their research or job					
17.30	18.15	Open your art: Private citizens and participants, upon booking, can bring their own material (samples, paintings and other objects) in order study them using the diagnostic analysis and the other services available from the sponsors. The professionals taking part to the conference can contribute to the session by providing additional information and specific knowledge.					
18. 15	20.30	Visit to Crypt of the Original Sin This visit was a very special experience- Delegates will enjoy a guided tour inside a natural cave on the Murgia plateau, near the old Appian Way. This little chapel carved into stone has been described as the Sistine Chapel of the south. commonly known as “the Sistine Chapel of rupestrian art”					
21.00		Social Dinner The Conference Dinner will take place in F.Ili Dragone Farm/Winery Before the dinner, several activaties are organized to know the traditions, history and flavours of F.Ili Dragone Farm and Matera. It will be the possibility of: - tasting wines, slearning bottling techniques of sparkling wine and learning about the processes involved in the production of our wines, learning how to make pasta in the cooking class Price: Visit to THE CRYPT OF ORIGINAL SIN + Social Dinner: 40 euros Only social dinner: 30 euros Transfer in / out from Matera city center included					

25 MAY Talking about Restoration, Archeology and Architecture (Moorning)

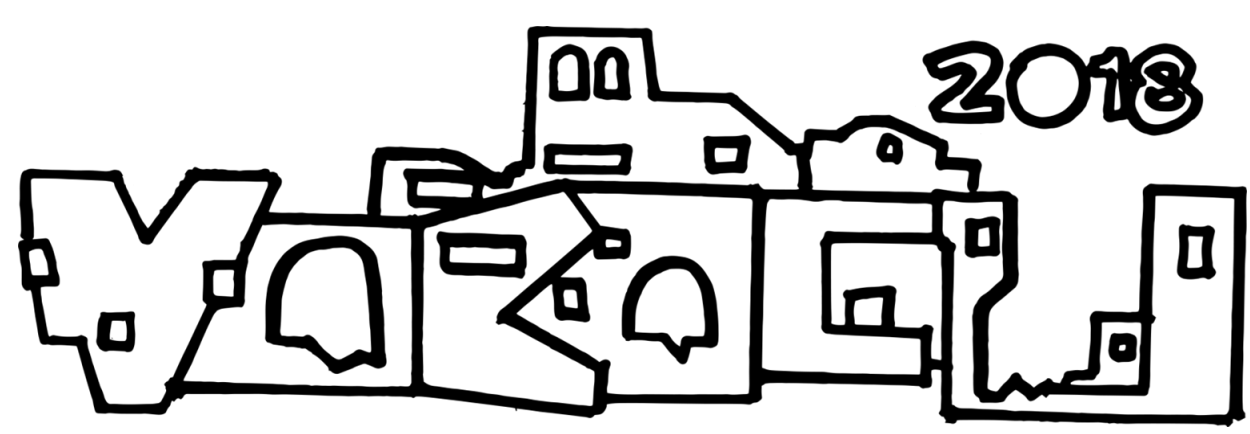
		Session 9_RESTORATION CASE STUDIES [Venue B]			Session 10_ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE [Venue C - C1: Aula Sassu]			Session 11_ARCHITECTURAL AND BUILT HERITAGE [venue C, C2: Aula 36]		
Time		Chair: Fariz Khalili (MIRAS), Valentina Venuti (University of Messina)			Chair: Dimitris Roubis (CNR) & M. Hernández Salomòn (University of Santiago de Cuba)			Chair: Federica Fernandez (YOCOCU), Antonella Guida (UNIBAS)		
9.00	9.15	Researches	Problems of method for reintegrating lacunae on contemporary artworks	P. Iazurlo, G. De Cesare	Archaeological science, conservation and documentation	Digital survey for the archeological analysis and the enhancement of Gropina archeological site	S.Bertocci, A. Arrighetti, M. Bigongiari	Restoration, Reuse and Retrofitting	Railway stations: between past and present in the urban fabric of historic cities. the case of Madrid in Spain	L. Musaiò Somma
9.15	9.30		An innovative project of diagnostic and conservation in the archaeological site of Pompeii: the study case of the “Tituli Picti”	A. Arcudi, V. Crupi, M. F. La Russa, M. Osanna, R. Pace, S. A. Ruffolo, M. Ricca, N. Rovella, N. Ruggeri, V. Venuti		The Cottanello Roman Villa Project: research, conservation and dissemination	C. Sfameni, F. Prestileo, F. Colosi, A. Paladini		Retrofitting of Company Towns’ residential buildings: from international best practices to local implementations in Friuli Venezia Giulia Region (NE Italy)	G.S. Laiola, M.V. Santi
9.30	9.45		The tradeoff between conservation needs and ritual use for religious cultural heritage: a possible new approach for lacunae integration of gildings	R. L. Costantino, M. G. Ebbreo, S. Davi, M. F. Alberghina, S. Schiavone		UAV based investigations of Inca archaeology in Peru: the case studies of Paredones and the Palace of Taurichumpi in Pachacamac	A. Pecci, R. Lasaponara, N. Masini		The use of traditional construction techniques and materials in the conservation of urban cultural heritage assets in Portugal	R.A. Maio, T.M. Ferreira, R. S. Vicente, A. Costa
9.45	10.00		Evaluation of potsherds features using hyperspectral maps generated by µ-libs scanner	S. Pagnotta, M. Lezzerini, S. Legnaioli, V. Palleschi		The "Domus of the silver wedding" in Pompeii: structural assessment through integrated non invasive investigation techniques	F.C. Ponzo, A. Di Cesare, N. Masini		Proposal of intervention and architectural project of ancient monastery of "Saõ Romaõ de Neiva", Portugal.	C. Calbimonte, J. Vilalfurte, J. Scaff, J. Arias, G. Vasconcelos
10.00	10.15		Cretaceous chert in the “Gravina di Matera” canyon (southern Italy) as primary source in prehistory?	E. Delluniversità, I. M. Muntoni, G. Eramo, I. Allegretta, A.Monno, V. Festa, M. Tropeano, D.Capolongo, L.Sabato, L. Spalluto, P. Acquafredda	Public Archaeology and valorization project	the Tusculum Project: knowledge, conservation and valorization	V. Beolchini, F. Prestileo, F. Galli, L. Genovese, L. Luvidi		Sustainable design of an eco-restoration for the functional recuperation of a historic building to be used as a town hall	M. Pini, D. Settembre Blundo, P. Neri, M.P. Riccardi, A.M.Ferrari.
10.15	10.30		Advantages of a multidisciplinary approach in the study and the characterisation of black patinas	S. Ricci, F. De Leo , C. Urzì, F. Guerrieri, F.Antonelli		From the fields to the web: a view on public archaeology and social media from an Italian perspective	C. Ardis , R. Giovanelli, A. Traviglia		The white marble of the cloister of the Real College-Seminar of Corpus Christi in Valencia (Spain): archival researches for the identification of its provenance and diagnostic studies for understanding its decay	M. Cannoletta, D. Melica, G. Quarta
10.30	10.45		Manuscript pattern tezhib (illumination)	S. Khalilli		Use and protection of archaeological sites in Greece: current policies and practices	K. Hartzoulaki		Pathological manifestations of the main facade of the Santa Monica Convent, Potosi - Bolivia	J. Villafuerte, I.Rodriguez, J. Ruiz
10.45	11.00		Chemometric modeling for an integrated “clean” strategy of salt-induced decay control in built heritage	F. Cardinali, M. P. Bracciale, M. L. Santarelli, A. Marrocchi	Sensitivity analysis for the assessment of the main relevant parameters in a masonry historical construction	A. Cali, P. Dias de Moraes, A. Do Valle	Analysis of the historical materials building for cataloguing and maintenance of the monumental architecture of Basilicata	A. Guida, V.D. Porcari, P.P. Trausi		
11.00	11.20	COFFEE BREAK [Venue B: ex S. Rocco Hospital]								
11.20	11.35	Treatments	The artwork of Pino Pascali "Ricostruzione del Dinosaurio": the documentation, method proposals	G. Fagiolo, G. De Amicis, L. Baratin, L. Tozzi	Session 13_ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE Chair: Francesca Sogliani (DICEM) & Felice Ponso (UNIBAS)		Session 12_RISK ANALYSIS AND MITIGATION Chair: Nicola Masini (CNR-IBAM) & Gianmarco De Felice (UNIROMA3)			
					History, traditional building techniques and documentation / Archaeological research and Cultural landscape	Cultural landscape conservation as an approach to sustaining cultural identity; case study: Uraman Takht village	A. Laleh Ramezani, B. Mahdiar Nezam , C. Somayeh Fadaei Nezhad, D. Pirouz Hanachi		The ELARCH programme and dialogues on cultural heritage: between architecture, engineering, history and resources [invited lecture]	M. Laterza, T. Tonin
						Urban survey of the Mellah of Mefrou (MO)	G. Pancani, M. Gentili		Survey of buildings for seismic vulnerability studies: the case of the historical centre of Valparaíso (Chile)	B. Jiménez*, L. Pelà, M.Hurtado
						Documentation systems for a urban renewal proposal in developing territories: the digitalization project of Bethlehem historical center.	F. Picchio, R. De Marco, M. Canestrале			
						The identity of the light roofs in the historic centre of Santiago de Cuba. Design recommendations for the conservation of tangible heritage	M. Hernández Salomòn, L. Rizo Aguilera, Z. Fròmeta Salas			
						The clash between use and size in a historic building: the case of Montes Palace, Chile.	P. Fernández		Hazard calculation routines for earthquake scenarios	A. González, A. Basaglia, G. Brando, E. Spacone, A. Aprile
						Underground space in Italy and China: from the history to smart-planning	L. Genovese, L. Luvidi , F. Fratini, R. Varriale		Is seismic damage the reason for the Stern buttress of the Colosseum?	A. Mordanova, G. de Felice
						Preliminary studies for the removal of carbanote deposits on Iberian painted ceramic by chemical methods	A. Sáenz Martínez, F. J. Collado-Montero and J. Capel Martínez		Basic performance and compositional properties of historical building materials: ermeni hamami (Sivrihisar, Turkey)	R. Aslzad, G. Altay, A. Tavukçuoğlu, E.N. Caner-Saltık
12.50	13.05		Green rescue: an alternative green solution to remove ageing varnishes	A. Macchia, L. Rivaroli, B. Gianfreda, F. Damiani, S. Nunziante Cesario, M.F. La Russa, S. A.Ruffolo	The role of Italian specialists in restoration of Azerbaijan epigraphic monuments	H. Aliyeva, G. Seyidahmadli, S. Azizova	Creation of a database of Peruvian churches for the definition of seismic vulnerability assessment cards	E. Rossi, N. Tarque, M. Faggella, R. Gigliotti		

25 MAY Talking about Restoration, Archeology and Architecture (afternoon)

14.20	15.20	Awaiting for Georgia. YOCOCU 2020 Short film on Georgia Introduction to Georgian Heritage and challenges - A. Higuera Words by representative of Georgian Embassy in Italy The Archaeology of Samshvilde, A Royal Site in the Caucasus - David Berikashvili, University of Georgia, Chair of YOCOCU Tbilisi 2020 The Italo-Georgian Project at the Palace of Geguti. Federico Ferrari and Marco Medici Department of Architecture, University of Ferrara								
		Session 9 RESTORATION CASE STUDIES Chair: Marco Bartolini (ISCR), Andrea Macchia (YOCOCU)			ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE Chair: Valeria Beolchini (CSIC-EEHAR), David Berikashvili(University of Georgia)			Session 12_RISK ANALYSIS AND MITIGATION Chair: Laura Genovese (ICVBC CNR), Nicola Masini (IBAM CNR)		
15.30	15.45	Stone	Effectiveness assessment of nanostructured products for the protection of The Volterra (Italy) calcarenite stone after laboratory ageing tests	S. Germinario, F. Fernandez, R. Laviano, L. Sabbatini	cultural values of water for the wayúu indigenous community in colombia	From the “Antiquarium” to the Archaeological Museum of Mondragone (CE). A story-telling for the enjoyment of archaeological landscape in Northern Campania	F. Sogliani		Cultural heritage management in the Mosque of Ali el Mahali (local mosque) using multi-satellite sensor at Rosetta, Egypt	Elfadaly, Lasaponara R. et al.
15.45	16.00		Dolostone conservation with nanodispersive solutions	F. Karahan-Dag, E.N. Caner-Saltık, A. Tavukçuoğlu		The procession of the Bruna, tradition and heritage	Salazar Antequera Gonzalo Edgar		Risk map and web constraints: digital tools for cultural assets in emergencies, also for protection and prevention	C. Cacace, M.E. Corrado
16.00	16.15		Pathology of the stones of the Sucre Cathedral, Bolivia	C. J. Grandón, P. Castro, J. C. Rojas		Cultural values of water for the Wayúu indigenous community in Colombia	W. Gonzalez, R. Ermini , S. Manfreda, M. Fiorentino		ARTEK. a web service dedicated to the preservation and valorisation of cultural heritage	A. Monteleone, N. Dore, L. Bernardi, L. Benenati , A. Giovagnoli, A. Paglialunga
16.15	16.30		Microwave treatment of devitalization of biodeteriogens of stone surfaces	L. Guerriero, M. Cicala, N.Chiacchio, B. Bisceglia		Mechanics for archaeological science: a novel methodology for the analysis of ancient masonry constructions	S. Galassi, N. Ruggieri, G. Tempesta		Seismic analysis by macroelements of the monastery ensemble of San Miguel Charo, Michoacán	Sánchez C. Adrià, Martínez R. Guillermo
16.30	16.45		The main portal of the Monreale cathedral: sustainable conservation and new historical-artistic evidence supported by scientific investigations	G. Milazzo, M. F. Alberghina, G. Germinario, M.F. La Russa, A. Macchia, M. Matteini, A. Casanova Municchia, S. Ruffolo, S. Schiavone, L. Sabbatini, A. Sodo		Experience of documentation for the accessibility of dispersed cultural heritage	S. Parrinello, F. Cioli, A. Dell’Amico		Sustainable Conservation in Portugal. Needs and Challenges. The commitment within the Research Center of Science and Technology of the Arts (CITAR)/School of Arts-Portuguese Catholic University (Porto	E. Vieira
16.45	17.00		The restoration of the apsidal frescoes of church of San Pietro in Tuscania	D. Cavezzali		S			Seismic risk assessment of historic constructions: comparative analysis of masonry and adobe churches in Italy and Chile	D. Díaz Fuentes, M. Laterza· M. D’Amato
17.00	17.15		Towards a non-invasive approach for characterization of Arabic/Christian manuscripts	M. Titubante, F. Giannini, L. Micheli, C. Mazzuca, A. Pasqualucci, M. Romani, G. Verona-Rinati, A. de Fouchier, E. Proverbio, A. Nuñez Gaitan					An extensive survey for the identification of the structural features of the historic center of Cusco	M. Peruch, C. Mazzanti, K. Sovero, G. Brando, E. Spacone
17.15	17.30		Cleaning a work of dubious attribution: initial approach to the treatment of a painting attributed to Salvator Rosa	M.A. Calderón, D. González Pondal, M. Bini Olazábal						
17.30	17.45	Nanomaterials for conservation of European architectural heritage: Pisa, the experience of a Mediterranean cathedral	A. Lazzeri, M. B. Coltelli, M. Bartolini, L. Conti, L. Festa, M. Ioele, A. Pujia, A. Rovazzani, G. Saverini, C. Sidoti, A. Sutter							
18.00	Discussion, awards and conclusions									
19:00	THOUGHTS AND FEELINGS IN SYRIA BETWEEN ARCHAEOLOGY, MUSIC AND POEMS "Universa Musica", Festival of lessons-concert, University of Basilicata, directed by Dinko Fabris Archaeology in Syria before the war. Projection of videos and images by Francesca Sogliani (Specialization School of Archaeology, DICEM University of Basilicata) Memories and studies of a sirian Archaeologist by Elia Hanna (Papal Institute of Christian Archaeology) Poem reading dedicated to the memory of Khaled al-Asaad, the Hero of Palmira from “I sogni dei bambini della Siria. Voci e storie del Mediterraneo” / “The dreams of the children of Syria” by Marcello Tagliente (MIBACT, Italian Ministry of cultural heritage and tourism) Musical performances by accordionist Alessandro D’Alessandro									
22.00	YOCOCU Night It's party time, let's toast to the 2018 YOCOCU Edition and to next edition. Appointment to AREA 8 CAFÈ (http://www.area8.it/en/cafe-en/) Price: 10 euros									

26 MAY

		MATERA TOUR: TALK ABOUT CONSERVATION-RESTORATION and VISIT TO CAVE CHURCHES and ISCR Matera LAB
9.00	12.00	-Santa Lucia alle Malve Dating to the 8th century, when it was built as the Benedictine Order's first foothold in Matera, this cliff-face church has a number of 13th-century frescoes, including an unusual breastfeeding Madonna.
		-San Nicola dei Greci e Madonna delle Virtù This monastic complex, one of the most important monuments in Matera, comprises dozens of chambers carved into the tufa limestone over two floors. Chiesa di Madonna delle Virtù was built in the 10th or 11th century and restored in the 17th century. Above it, the simple Chiesa di San Nicola del Greci is rich in frescoes.
		-Santa Maria dell’Idris Dug into the Idris rock, this church has an unprepossessing facade, but the narrow corridor communicating with the recessed church of San Giovanni in Monterrone is richly decorated with 12th- to 17th-century frescoes.
		Price: 8.50 euros
12.00	13.00	Visit to ISCR (Istituto Superiore per la Conservazione ed il Restauro) Scuola di Alta Formazione “Michele D’Elia” (Pre Booking is required: info@yococu.com) Price: Free Event



24 MAY POSTER SESSION

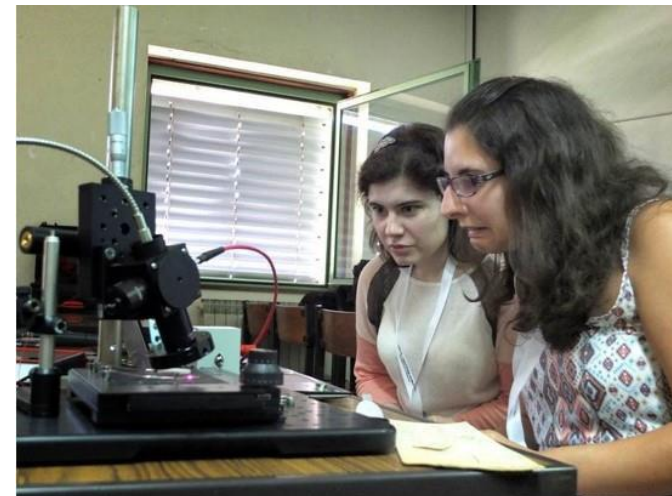
p1	Land capability & spatial analysis for the study of medieval rural settlements in the Basilicata region	M. Biscione, M. Danese, N. Masini, C. A. Sabia	P32	Algerian ornamental stone. Evaluation of the mechanical behavior of glgerian thermogenes travertines	M. Chentout, B. Alloul, A. Rezouk, Dj. Belhai
P2	Matacos project: advanced materials and technologies applied to the conservation of underwater cultural heritage	F. Bruno, B. Davidde, A. Gallo, M .F. La Russa, M. Lupia, L. Randazzo, M. Ricca, S.A. Ruffolo	P33	Matera in many dimensions	S. Lucente
p3	An usable and people-friendly cultural heritage: the magna project, on the route from Greece to magna Graecia	F. Bruno, B. Davidde, M.F. La Russa, T. Makris, P. Raxis, N. Rovella	P34	Connecting "pixels with people". sensing archaeology from space	N. Masini, A. Higuera, A. Pecci, R. Lasaponara
p4	A new approach for the characterization of the carbonaceous fraction in black crusts samples present on a granite substrate	V. Comite, S. Pozo, T. Rivas, P. Fermo	p35	Macao cultural heritage protection campaign from the perspective of advocacy network theory	C. K. TAM (Derrick) and C. I. LIO (Ivy)
P5	Restoration treatment on palatine chapel's mosaic floor in Palermo: the use of a new material for lacunae integration	V. Coppola, A.M. Graziano, G. Ingui, G. Tonini	P36	The detection of x@tio2 core-shell nanoparticles in coatings used for stone protection	A. Macchia, F. Mangini, S. A. Ruffolo, Marco Muzi, L. Rivaroli, M. F. La Russa, F. Frezza
p6	Jose' Ortega and the principles for a mediterranean identity in the architecture of Matera	G. Cortese	P37	"Marmora" project: characterisation and provenance on historical marbles in the Apulia artistic and archaeological sites (Southern Italy)	G. Fioretti, P. Acquafredda
P7 a-b-c- etc	The Justinianus Bridge	SAKARA University Students	P38	Consbox egcy - sketching an explorative connection between the academic conservation studio and the urban public space of Timișoara	Filip Adrian Petcu
P8	Detect the land-use changes around the natural park and historical centre (Sassi) of matera using remote sensing indices at Basilicata, Italy	A. Elfadaly, R. Lasaponara	P39	On the concert activity of Azerbaijan state orchestra of folk instruments	A. Baghirova
P9	Characterization of roman mortars from Eraclea Minoa archaeological site	D. Ergenç, R. Fort, F. Fernandez	P40		
P10	Analysis of vernacular architecture and urban rehabilitation proposal	G. Forestieri, G. Galiano	P41	Azerbaijan musical culture during the period of independence	J. Mirzayeva
P11	Detecting seismic damage scars in monuments through a joined use of historical sources and infrared thermography	F.T. Gizzi, E. Gerdali, M. Sileo, M.R. Potenza	P42	Manifestation of the song genre in Azar Rzayev's creativity	L. Guliyeva
P12	Structured light scanning of a Roman Sundial	M. Pistellato, F. Bergamasco, A. Traviglia	P43	Arif Babayev Khananda-educator	S. Verdiyeva
p13	Non-destructive evaluation of siloxane protective water-repellent coatings for outdoor stone monuments	M.C. Grano	P44	Ensemble performances in Shirvan Ashugh environment	Z. Huseynova
P14	The church of holy cross called "of purgatory": an usability enhancment	A. Illiano, A. Corvino	P45	Azerbaijan education and literary heritage	N. Garayeva, N. Mammadaliyeva
P15	Crati project presentation: knowledge and restoration through advanced integrated technologies	M.F. La Russa, L. Randazzo, N. Rovella, M. Ricca, S.A. Ruffolo, F. Bruno, L. Barbieri, E. Giangiulio, C. Silvestri, A. Arcudi, P. Tortorici	P46	Scenes of chorus in the works of V.Adigzselov's "Natavan", "the dead" and M. Guliyev's "deceivedstars" operas	Zaliyeva L.
p16	Photogrammetry for archaeological 3d surveying: the case-study of ponte rotto along the ancient Appia way (Benevento, Italy)	M. Limongiello, S. Barba, C. Germinario, F. Izzo, D. Musmeci, A. Santoriello	P47	National musical instruments of Azerbaijan and their place in the orchestra	G. Asadzade
p17	Rock church preventive conservation project: the case study of the church of the one hundred saints in Matera	I. Zuliani, F. Bartoli, D. Mazzeschi, A. Giovagnoli, G. Caneva	P48	In the land of myths: assessing trends in heritage management in Georgia (Caucasus)	A. Higuera
P18	Felt-Tip pens and markers: composition and fading	A. Memmi, I.D. van der Werf, G. Germinario, L. Sabbatini	P49	High resolution survey of mosaics of the crypt of the St. Nicola's Basilica (Bari, Italy) and characterization and provenance studies of marble tesserae	S. Calò, M. Cinelli, G. Fioretti, A. Moccia
P19	The sarcophagus of William II (King of Sicily) in the cathedral of Monreale. new historical-artistic remarks on the occasion of the latest conservation	G. Milazzo, M. F. Alberghina, S. Schiavone, M. Vitella	P50	The opus tessellatum of the St. Nicola's Basilica (Bari, Italy): floor digital survey and marble tesserae characterization	G. Fioretti, G. Germanò, A. Laera
P20	New archaeological explorations In Nargizava necropolis	V. Aliyev, F. Khalilli, V. Hasanov and R.Veliyev	P51	The Azerbaijan democratic republic and conditions for the activities of literary, artistic and public-political institutions	Sh. Gasimov and F.Gasimova
p21	The provenance of marbles and alabasters used in the monuments of Hierapolis in Phrygia: an archaeological and Archaeometric research	G. Scardozzi	P52	Ecological design and agriculture	Asena Ergun
P22	Soft limestones of the historical-architectural heritage of Puglia and Basilicata (southern Italy): technical characteristics and decay under salt ageing test	M. Sileo, A. Calia	P53	Consbox Egcy – Sketching an explorative connection between the Academic Conservation Studio and the Urban Space of Timișoara	F.A. Pectu
P23	3d Photomodelling techniques and use of drone.the case of the middle valley of Sinni (southern Basilicata, Italy)	V. Vitale	P54	Virtual reality as a form of accessibility to peripheral or inaccessible archaeological or historical sites: the Chiesa della Madonna dei Mali and the Uggiano Castle (Ferrandina, Italy) case studies	I. Campanile, A.Pecci, R. Lasaponara
P24	The sarcophagus "Tiaso Marino" (Rome)	A. Basile	P55	Degradation connected to loss offline materials on the Gravina calcarenite: an example from rupestrian churches in Matera (Southern Italy)	A. Bonomo
P25	Position of "Bayati-Shiraz" Mugham in Azerbaijan music art	H. Mammadli	P56	Technology of building in Roman age: the case study of "Complesso della Sfinge" from the "Porta Mediana" archaeological site in Cuma	S.F. Graziano, C. Di Benedetto, V. Guarino, C. Rispoli, P. Munzi, P. Cappelliti, V. Morra
P26	The latest results of archaeological researches in Azerbaijan	G. Jabiyev	P57	Restoration of a Roman Glass Vessel	A. De Nucci, A. Lobascio, A. Dezio, M. A.Petrafesa
p27	A contribution to the study of the pre-industrial and industrial brick production in Marsciano (PG)	F. Gabellone, M. Chiffi, M. Passarelli	P58	Glass vessels from the necropolis of Castel Trosino (AP): study on loss compensation of multi-coloured glass	G. Toppan,L. Rivaroli, F. Aramini, R. Bollati, G. Romalli, P. Santopadre
P28	From the preservation of the Arcosolio di Cerula, in the catacombs of San Gennaro in Naples, to a preventive conservation of the entire site. control, maintenance and risk management: an evolving path	R. Albini, V. Cio	P59	The Videogame in VR set in Matera	D. Colangelo
p29	Identification by means of non-invasive FTIR spectroscopy of some organic compounds commonly used in cultural heritage	F. Izzo, C. Germinario, C. Grifa, M. Mercurio, D. Smiljanic and A. Langella	P60	Archeological heritage in the area of the Jewish Ghetto in Rome. Survey and cataloging between remains, archetypes and memories of the past	G. M. Cennamo
p30	Comparative study finalised to the identification of the most suitable adhesive for the restauration of a ceramic artifact	F. Di Giamberardino	P61	Interpreting and presenting the diffused libyan heritage along the Strada Litoranea. a museographical approach	A. Raffa
P31	An innovative method to remove pressure-sensitive tape from contemporary felt-tip pen and ballpoint pen drawings on paper: the case studies of Federico Fellini from Rimini film	M. Trabace, A. Mirabile, L. Montalbano, R. Giorgi, N. Bonelli, M. D. Pianorsi, P. Ferrari			

MICROFADING TESTS

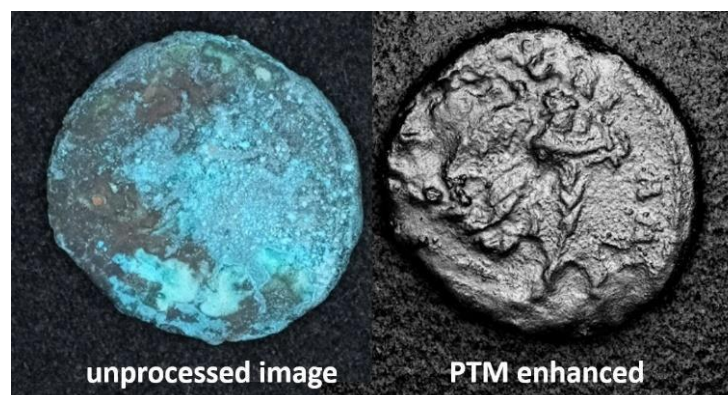


ptions which could be either to conservative (and unnecessarily limit viewers access to the object) or to optimistic (and lead to irreversible light-induced damage). During the workshop a state-of-the-art equipment for MFT would be available to participants, which are encouraged to bring a suspected light sensitive objects for testing.

Microfading is a relatively new technique used in conservation science to evaluate light sensitivity of objects in a non-destructive way. The micro fading tests (MFT) could be performed for nearly all classes of materials found in museum collections, and the method is particularly suited to study fugitive objects (works on paper – manuscripts, prints, watercolors; canvas paintings; textiles). Data obtained for a given object allows to rank it against light sensitivity standards, i.e. the ISO Blue Wool Standard, which are widely used reference materials for lightfastness. MFT helps to adopt exhibition policies to actual data obtained for each tested object rather than use general assumptions



POLYNOMIAL TEXTURE MAPPING



or a naked eye. The method have found numerous implementations for the study and documentation of archival and museum objects - manuscripts on paper and parchment, book covers, dry-stamps, dry-point glosses, clay tablets, various painted surfaces, metal and wood objects, corroded glass, coins (see picture). PTM/RTI images can be viewed, studied and annotated with the use of a dedicated freeware software (*RTIViewer*), as well as (with some restrictions compared to the previous) in a web browser window, thus allowing for a new dimension of museum virtual visits. Participants are encouraged to bring their own objects for PTM/RTI imaging.

Polynomial Texture Mapping (PTM) - also known as Reflectance Transformation Imaging (RTI) - is a new computational imaging technique used to capture and visualise in an interactive manner specific features of the objects' surface. PTM enables to re-light subjects' surface from any direction and to enhance texture details which cannot be seen and captured with any other imaging methods

Workshops instructor:
Tomasz Łojewski
Faculty of Materials
Science and Ceramics,
AGH University of Science
and Technology
Kraków, Poland,
home.agh.edu.pl/Lojewski



Social Events

Date: 23 MAY 2018
Price: Free (sponsored by "Terre dell'Alta Val d'Agri")

Time: 7.30 PM
COCKTAIL WITH YOCOCU AT MATERA SASSI
 As the sun dips towards the horizon, sip a glass of wine and see the famous "Sassi" into different colors – from gold to orange, red and mauve. Enjoy this beautiful Sunset to have the Welcome in Matera and to start the meeting with wine and music by a street artist

Date: 25 MAY 2018
Price: Free

Time: 7.00 PM
THOUGHTS AND FEELINGS IN MUSIC ABOUT THE SYRIA
 Universa Musica", Unibas, directed by Dinko Fabris
 Archaeology in Syria before the war. Projection of videos and images by Francesca Sogliani (SSBA, DiCEM Unibas). Poem reading dedicated to the memory of Khaled al-Asaad, the Hero of Palmira / The dreams of the children of Syria" by Marcello Tagliente (MIBACT)
 Musical performances by accordionist Alessandro D'Alessandro*

Time: 10.00 PM
Price: 10 euros

YOCOCU Night
 It's party time. To toast to the 2018 YOCOCU Edition and to next edition. Appointment to AREA 8 CAFÈ (<http://www.area8.it/en/cafe-en/>)

26 MAY 2018
Price: 8.50 euros

Time: 9.00 AM
MATERA TOUR: TALK ABOUT CONSERVATION-RESTORATION and VISIT TO CAVE CHURCHES and ISCR Matera LAB
 - **Santa Lucia alle Malve**_ Dating to the 8th century, when it was built as the Benedictine Order's first foothold in Matera, this cliff-face church has a number of 13th-century frescoes, including an unusual breastfeeding Madonna.
 - **San Nicola dei Greci e Madonna delle Virtù**_ This monastic complex, one of the most important monuments in Matera, comprises dozens of chambers carved into the tufa limestone over two floors.
 - **Santa Maria dell'Idris**_ Dug into the Idris rock, this church has an unprepossessing facade, but the narrow corridor communicating with the recessed church of San Giovanni in Monterrone is richly decorated with 12th- to 17th-century frescoes.

Date: 24 MAY 2018

VISIT TO THE CRYPT OF ORIGINAL SIN AND SOCIAL DINNER
Venue: Contrada Pietrapenta | Basilicta, 75100, Matera,

THE CRYPT OF ORIGINAL SIN
Time: 18.00
 This visit was a very special experience- Delegates will enjoy a guided tour inside a natural cave on the Murgia plateau, near the old Appian Way. This little chapel carved into stone has been described as the Sistine Chapel of the south. commonly known as “the Sistine Chapel of rupestrian art”,

SOCIAL DINNER
Time: 21.00
 The Conference Dinner will take place in F.lli Dragone Farm/Winery
 Before the dinner, several activities are organized to know the traditions, history and flavours of F.lli Dragone Farm and Matera. It will be the possibility of:
 - tasting wines
 - learning bottling techniques of sparkling wine and learning about the processes involved in the production of our wines.
 - learning how to make pasta in the cooking class

Price:
Visit to THE CRYPT OF ORIGINAL SIN + Social Dinner: 40 euros
Only social dinner: 30 euros

Transfer in / out from Matera city center included

Pre-booking is required using web form or send e mail to info@yococu.com