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Prof. Sergio Sarra

Prof. Claudio Pisano

A Tutti gli studenti di Pittura

A tutti gli studenti di CVAPC

E p.c.

A tutti i docenti

OGGETTO:  
Convegno "Green Conservation of Cultural Heritage" IV edizione  
Attribuzione 2 CF.

Gentili Professori, Gentili Studenti,  
quale referente dell'Accademia per i progetti comunico che nei giorni 3 e 4 febbraio 2022, presso la nostra sede in Via di Ripetta si terrà il Convegno "Green Conservation of Cultural Heritage" IV edizione, organizzato dall'Associazione YOCOCU e dalla nostra Accademia. Il convegno si terrà sia in presenza che online attraverso la piattaforma Zoom.

Il 4 Febbraio nel pomeriggio il convegno si concluderà con una Living Lab Session alla Galleria Nazionale di Arte Moderna e Contemporanea.

Abbiamo concordato con Yococu la possibilità di fare partecipare anche gli studenti dei corsi di Pittura e di CVPAC assegnando loro, previa verifica della effettiva frequenza durante le due giornate dei lavori, 2CF.

Invito coloro che intendessero partecipare a farmi pervenire per email ([c.alliata@abaroma.it](mailto:c.alliata@abaroma.it)) la loro richiesta corredata da nome, cognome, matricola, annualità, email istituzionale e numero di telefono.

Non si garantisce, considerata la disponibilità di posti contingentata per l'emergenza sanitaria, la partecipazione in presenza fino a quando non abbiamo il numero preciso dei partecipanti indicati da YOCOCU.

Trasmetto bozza di programma e non appena riceverò le adesioni comunicherò maggiori dettagli agli interessati.

Cordiali saluti

Prof.ssa Claudia Alliata di Villafranca

P.S. Allego bozza del programma



# GREEN CONSERVATION OF CULTURAL HERITAGE 2022

**3rd-4th February – Art Accademy of Rome**



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and protocols***

3<sup>rd</sup> February

Venue - Art Accademy In Rome | Via Di Ripetta, 222 - Rome

Time: 9.00 -13.00

9:00-9:40 Welcome to GREEN CONSERVATION 2022 – Opening with the Institutions

Chair – Erminia Sciacchitano

LECTURE I: LUCA DESIATA

10.00 -13.00 Session I

Biotechnology applications to conservation and development of bio-based products

| Type of presentation during the conference | Title of contribution                                                                                                                                                                                           | Authors                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| BRAND YOU                                  | Potential exploitation of liquorice ( <i>Glycyrrhiza glabra</i> L., 1758) leaf extract as a biocide against bio-deteriogens in cultural heritage                                                                | G. Migliore*, L. De Gasperis, F. Francia, C. Alisi, F. Tasso                                                            |
| ORAL                                       | A blend of art history, restoration and science in the bio-cleaning of Michelangelo's marbles at the Medici Chapels (Florence)                                                                                  | C. Alisi*, M. Bietti, D. Manna, G. Migliore, P. Paganin, A. R. Sprocati, F. Tasso, M. Vincenti                          |
| BRAND YOU                                  | Sustainable cleaning of metal artworks using innovative biologically derived water- and solvent-gels                                                                                                            | A. Passaretti*, L. Ouvillier, E. Guilminot, G. Sciutto, S. von Reuss, E. Joseph                                         |
| ORAL                                       | Plant extracts as bio-based products in cultural heritage conservation                                                                                                                                          | F. Palla*, G. D'Agostino, S. Sparacello                                                                                 |
| BRAND YOU                                  | Evaluation of the effectiveness of two agarose enzyme gels for the removal of complex substrates of proteinaceous, oily and terpenic nature                                                                     | M. Morlotti*, F. Forlani, I. Saccani, A. Sansonetti                                                                     |
| BRAND YOU                                  | The Removal of Biological Agents and the Eco-Sustainability: Experimentation of Essential oils and Enzymes                                                                                                      | R. Reale, S. Sartori*, M. Baldan, Y. Rubino                                                                             |
| Coffe Break                                |                                                                                                                                                                                                                 |                                                                                                                         |
| BRAND YOU                                  | Unusual Essential oils as alternative biocides to inhibit biodeterioration of stone materials                                                                                                                   | A. Macchia, H. Aureli, F. Ortenzi, S. Sellathurai, A. Docci, E. Cerafoli, I. A. Colasanti, F. Prestileo, M. F. La Russa |
| BRAND YOU                                  | Microbes for the archaeological wood conservation                                                                                                                                                               | S. Ganesan*, S. James, M. Monachon, L. Pedersen, E. Joseph                                                              |
| BRAND YOU                                  | Microalgae polysaccharides: a novel bio-material for cultural heritage preservation                                                                                                                             | A. Antonacci*, F. Leonelli, A. Masi, L. Medeghini, G. Favero, L. Sadori                                                 |
| BRAND YOU                                  | Cold-extracted Funori from red alga <i>Gloiopeltis tenax</i> as a green adhesive for matte paintings                                                                                                            | C. Biribiochi*                                                                                                          |
| BRAND YOU                                  | The San Giovanni portal conservation treatment: biotechnologies for conservation                                                                                                                                | N. Iacopino*, S. Schiattone                                                                                             |
| BRAND YOU                                  | Diagnostic analysis to support the restoration of the 16th-17th century wall painting with the Virgin between St. Sebastian and St. Millerio and test for Nasier, a new green cleaning product based on enzymes | C. Pelosi*, R. Bocci, C. Colantonio, L. Lanteri, V. Valentini                                                           |

3<sup>rd</sup> February

Venue - Art Accademy In Rome | Via Di Ripetta, 222 - Rome

Time: 14.00 -19.00

Chair – Sabina Nicoletta

LECTURE: PAOLO VITTI

## Session 2 -Sustainable exhibition design - Experience in form 'environmentally sustainable' practice in 'common' practice

|           |                                                                                                               |                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| BRAND YOU | The Darsena of Ravenna: A Case of Urban Reform for a Sustainable Identitarian Heritage                        | A. Mecozzi* , F. Fabbri, X. Yun Shi, A. Iannucci, R. Pasini, L. Cincabilla                                                    |
| ORAL      | Characterization of pigments used on mural paintings of Sotterra Church in Paola (Italy)                      | N. Derakhshan Hore* , A. Sultan Koca, M. Ricca, M. F. Alberghina, S. Schiavone, S. A. Ruffolo, A. Vakın Akyol, M. F. La Russa |
| BRAND YOU | Local cultural strategies VS sustainability: a survey to understand and plan adequate conservation strategies | F. Cardinali* , C. Vatteroni, C. Manfrian, A. Marra                                                                           |

## Session 3- National and international sustainable projects on Cultural Heritage and Landscape- Sustainable, ecological, and rational solutions between the Cultural Heritage & Landscape and the local context

|           |                                                                                                                                                              |                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| ORAL      | Determining the Changes of Cultural Landscapes in the Historical Process: The Case, Bilecik, Turkey                                                          | P. Göker* , A. Begül Bulut                                                               |
| ORAL      | Historical Dyeing and Diversity of Plants                                                                                                                    | S. Khalilli* , F. Khalilli, S. Almammodova                                               |
| ORAL      | How Could Historical Roads and Khanegahs be Restored?                                                                                                        | F. Khalilli*                                                                             |
| ORAL      | From decayed garment to new history: Conservation and analysis role in discovering new evidence for Tutankhamun's parents                                    | N. Morshed Hamza*                                                                        |
| BRAND YOU | COP26 Presentation: How Culture Can Transition To More Sustainable Practices, and Why this is Important                                                      | A. Erikson*                                                                              |
| BRAND YOU | Tutankhamun samples collection: The recognition, preservation, management, access and research opportunities                                                 | N. Morshed Hamza*                                                                        |
| BRAND YOU | Multi-Analytical approach to plan a sustainable intervention on a wall painting: the study on the Déesis of St. Maria Annunziata church in San Giovanni (RC) | G. Salatino* , M. Ricca, A. Macchia, L. Randazzo, P. Pogliani, A. Arcudi, M. F. La Russa |

## Session 4-Green and sustainable building practices for museums and architectural Cultural Heritage

|           |                                                                                                               |                                            |
|-----------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| BRAND YOU | Safeng Pc- Scientific and industrial research project for fire protection and resilience of Cultural Heritage | F. Cola* , S. Canevarolo, R. Dell'Aversano |
| BRAND YOU | Influence of hemp and straw biofibers in traditional mortars                                                  | A. Karouzou* , M. Stefanidou, A. Atsali    |
| ORAL      | Aggu Traditional Construction Materials Workshop                                                              | S. Bayramova* , F. Khalilli, E. Khalilov   |

4th February

Venue - Art Accademy In Rome | Via Di Ripetta, 222 - Rome

9.00-14.00

Chair: Federica Fernandez

## LECTURE: DANIELA DUCATO

### Session 5- Green chemistry and nanotechnology for eco-friendly conservation - Feasibility of application of innovative green methods, products, and strategies

|              |                                                                                                                                                                                                                   |                                                                                                                                          |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ORAL         | Green application on cultural heritage materials                                                                                                                                                                  | L. Campanella*                                                                                                                           |
| BRAND YOU    | New organic green solvents for aged varnish removal from polychrome artworks                                                                                                                                      | E. Cerafogli*, G. Favero, A. Macchia                                                                                                     |
| BRAND YOU    | Deep Eutectic Solvents: New Frontiers and Challenges for the Conservation of Cultural Heritage                                                                                                                    | R. Strangis*, R. Mancuso, A. Macchia, M. Ricca, G. Salatino, S. De Angelis, M. Cersosimo, B. Gabriele, M. F. La Russa                    |
| BRAND YOU    | Characterization of bacteria community on bronze and marble statues                                                                                                                                               | A. Timoncini*, E. Bernardi, C. Martini, F. Costantini, F. P. Mancuso, K. O. Matterson, E. Sassoni, C. Chiavari                           |
| BRAND YOU    | Natural based products for cleaning copper and copper alloys artefacts                                                                                                                                            | I. A. Colasanti*, A. Macchia, L. Rivaroli, G. Favero, T. de Caro, L. Pantoja Munoz, L. Campanella, M. F. La Russa                        |
| ORAL         | Evaluation of the effectiveness, compatibility and environmental impact of eco-friendly multifunctional products: Laboratory and medium term In-Situ assessment test on archaeological samples from Baelo Claudia | G. M. C. Gemelli*, C. M <sup>a</sup> Ponce Castro, M. L. Almoraima Gil, M. J. Mosquera, F. Fernandez                                     |
| Coffee Break |                                                                                                                                                                                                                   |                                                                                                                                          |
| ORAL         | Multifunctional TiO <sub>2</sub> coating : a laboratory study for the conservation of limestones used in the historical centre of Cosenza (Calabria, Italy)                                                       | A. Sultan Koca*, N. Derakhshan Horeh, M. Ricca, A. Donato, L. Randazzo, S. Santoro, E. Qurcio, A. A. Akyol, H. Kalınoğlu, M. F. La Russa |
| BRAND YOU    |                                                                                                                                                                                                                   | M. Zappelli*, A. Macchia, T. De Caro, D. Caschera                                                                                        |
| BRAND YOU    | Multifunctional biocidal mortars based on nanoparticles and organic waste material for the Cultural Heritage Conservation                                                                                         | F. Ortenzi*                                                                                                                              |
| ORAL         | Green protective treatments for historic surfaces: the case of the Grand Continental Hotel in Cairo (Egypt)                                                                                                       | R. Montagno*, F. Fernandez, I. Dabouh, F. Armetta, V. Qaramitaro, M. L. Saladino                                                         |
| ORAL         | TiO <sub>2</sub> - vs. Ionic Liquid-based antifouling coatings: preliminary results                                                                                                                               | C. E. Urzi*, M. Ben Chobba, F. De Leo, A. Marchetta, M. Licchelli, M. L. Weththimuni, M. Messaoud, S. Lo Schiavo                         |
| BRAND YOU    | Cleaning contemporary restoration varnishes by green solvents                                                                                                                                                     | P. Carnazza*, A. Macchia, C. Biribicchi, S. Montorsi, G. De Masi, N. Sangiorgi                                                           |
| ORAL         | Accelerated ageing and evaluation of effectiveness of nanostructured products for the protection apulian stones materials                                                                                         | S. Germinario*, R. Laviano, F. Fernandez                                                                                                 |

LIVING LAB SESSION  
Touch the green!

Venue: La Galleria Nazionale d'Arte Moderna e Contemporanea  
Viale delle Belle Arti 131 - 00197 Roma



The more views multimedia contributions will be examine by a council consisting by private and public institutions and by companies to define the methods, practice or products that can immediately operate in the cultural heritage sector. The best contribution will win the award: "Best green solution and innovation in cultural heritage" (value: 500 euros) sponsored by:



*methods  
and protocols*