Agar spray: New applications of rigid gel for the treatment of large surfaces

Submitted by Marina Herriges on 06 Mar 2024

18 - 19 SEPTEMBER 2024
Church of Santa Caterina D'Alessandria
Piazza Bellini, 1
Palermo - Italy
OVERVIEW

The innovative procedure presented during the workshop will provide participants with new theoretical and practical knowledge on the applicative potential of this helpful gelling agent.
The new method developed by the teacher, thanks to the tool adopted for the application, gives the agar new structural characteristics.
For the first time the treatment becomes feasible, safe and suitable for complex surfaces, extended and varied in nature, obtaining results that are difficult to reach with the methods presently known. The workshop will offer participants know-how and skills to master the application of the "agar spray" technique, applicable to paint, paper, wood, wall and plaster.

Ambra Giordano received her B.A. in Art Conservation from the Academy of Fine Arts and Restoration of Palermo in 2004. followed by an M.A in Art Conservation with a specialization in the conservation of paintings from the University of Palermo in 2012
In 2017 she obtained the II level International Master in "Biology for the Knowledge and Conservation of Cultural Heritage" at the Roma Tre University in Rome Since 2014 she has collaborated with the Research Laboratory of Biology and Biotechnology for Cultural Heritage at the University of Palermo, and collaborates with national and international museums and training organizations
Today she is a professor in the Art Conservation Department at the Academy of Fine Arts of Napoli.

PRATICAL INFORMATION:

Duration: 18th & 19th September 2024
Location: Church of Santa Caterina D'Alessandria, Piazza Bellini 1, Palermo - Sicily (Italy)
Language of instruction: English
Number of participants: 20

REGISTRATION FEE:
€500 - VAT included

EARLY BIRD deadline: €450 - VAT included until 31th May

HOW DO APPLY?
Please contact via e-mail ambragiordanoeyahoo.it

PROGRAM

1st Day.

Theoretical part (4 hours)
? Short introduction on the characteristics of the agar gel and the currently known application methods;
? The nebulization process;
? The instrument used for nebulizing agar and its components;
? The "agar spray" cooling process;
? Analysis and tests performed on the nebulized agar film and comparison with the gel obtained with traditional procedures;
? How to choose the temperature of the agar to spray;
? Short presentation of examples / case studies of the spray application.
Practical part (4 hours)
? Preparation of the agar for spray application;
? Spraying technique;
? The distance from the surface to be treated;
? The adjustment of the sprayed figure;
? The adjustment of the material flow rate;
? Demonstration of the "spray" application.

2d Day

Theoretical part (4 hours)
? The spray application with a continuous or discontinuous flow:
? Environmental parameters and their influence on the application;
? Possibility to create an interface inside the gel
? Liquid diffusion;
? The "spray" application in combination with temporary hydrophobisation;
? The residues and the cleaning of the instrument.
Practical part (4 hours)
? Application on vertical surfaces and three-dimensional objects;
? Demonstration of the spray application method and practical tests carried out individually by the participants;
Discussion and closing of the workshop.