

10th-13th November 2015
Chemistry Department | Sciences College
University of Porto, Portugal

Modular Cleaning Program with Chris Stavroudis

20|21 Conservação e Restauro, portuguese contemporary art conservation studio, invites Chris Stavroudis for a four-day intensive workshop aimed at painting conservators; interested in new cleaning methods for painted and coated surfaces. The purpose of this Masterclass is to acquaint participants with the formulation of preparations for problems related with both surface cleaning and to coating and re-/over-painting removal.

Overview

During the course, Chris Stavroudis will present a general survey of the theoretical principles needed to valuate and formulate tailored aqueous and solvent-based cleaning systems.

Topics include:

- | Introduction to the Modular Cleaning Program and general lecture on aqueous chemistry
- | Advanced Aqueous Cleaning; Cleaning made more complicated, ionic strength
- | Surface conductivity and pH measurements
- | Solubility parameters, solvent sets, and MCP interactive graphic display
- | Clearance Issues in Cleaning with Solvent Gels
- | Bringing oil and water together; Emulsions and Polymeric, Emulsion Stabilizers
- | Cleaning Acrylic Painted Surfaces

Chemical theory and case studies illustrating the cleaning techniques will be presented during morning lecture sessions. Afternoon practical and discussion sessions will follow. Practice pieces will be provided to experiment with and participants are invited to bring their own samples or problematic items to work out cleaning systems.

Practical Information:

Duration: Four full-time days, 10th - 13th November 2015

Location: Chemistry Department | Sciences College | University of Porto, Portugal)

Language of instruction: English

Number of participants: 20 maximum

Registration fee: €738 - VAT included (for participants who have already attended other 20|21 masterclasses)
€799,50 - VAT included (for newcomers)

Target group: Registration is open to paintings conservators

Deadline for application: 26th October

Social Event: Participants will be invited for dinner on the 10th

How to apply?

Please contact the organization via e-mail 2021@2021.pt or phone **+351 960 080 607** or **+351 222 085 498** with the following information:

- | Name and contact
 - | Area of specialization and experience
 - | If a professional, please give job and institution
 - | Student, please give program, institution and year of graduation
 - | Bank account holder's name
- Alternatively, you may send your CV or portfolio.

Do not hesitate in contacting for any information regarding the masterclass or travelling and accommodation in Porto.

How to pay?

Bank account details:
| Account holder_ 20|21 Conservação e Restauro de Arte Contemporânea
| NIB: 0010 0000 41021020001 83
| IBAN: PT50 0010 0000 4102102000018 3
| BIC/SWIFT: BBPIPTPL (Banco BPI)

Please do not pay until your registration is confirmed

Chris Stavroudis Chris Stavroudis is a private paintings conservator in Los Angeles. He developed the Modular Cleaning Program in 2002 as an off-shoot of the work of Richard Wolbers and the Gels Cleaning Project at the Getty Conservation Institute. The Modular Cleaning Program is both an approach to cleaning and a FileMaker Pro database. He has codified the scientific basis of aqueous cleaning and solvent theories into the logic of the computer database. The program models aqueous chemistry at a given pH, reflects an ad-hoc theory of solvent gel formulation, and makes calculations in Hansen solubility space as it guides the conservator in the preparation of test cleaning solutions.

The MCP workshop has been offered to date in the US (Cleveland, Chicago, twice in New York, and Skaneateles), Canada (Montreal), The Netherlands (Den Hague and Maastricht) and Brazil.

Chris obtained undergraduate degrees in Chemistry and Art History from the University of Arizona and his Master's degree from the University of Delaware/Winterthur program in 1983.

20|21 thanks the generous support of