

Sophia Sotiropoulou - Short CURRICULUM VITAE

Research activities and skills

20 years of research experience in multidisciplinary analysis, documentation and monitoring of the condition of Cultural Heritage polychrome objects.

Research activity in museum lighting: (a) to assess the role of display lighting in the perception of an object, involving new technologies and media. (b) to design museum lighting based on the best compromise between optimum rendition quality and no risk for the safety of light-sensitive objects.

Field of specialization: interdisciplinary characterisation (including optical, chemical and perceptible properties) of paint surfaces (panel and canvas paintings, illuminated manuscripts, wall paintings, ceramics and polychrome sculptures). Experience in several imaging and spectroscopic methods in different spectral bands applied in macro and micro scale.

Multidisciplinary background (Physics, conservation science and art history studies) and significant experience in the participation or coordination of interdisciplinary research teams (involving scientists, engineers, conservators, archaeologists, art historians and collections' curators).

Actual Professional status

1996 – to present: Senior researcher at “Ormylia” Foundation - Art Diagnosis Centre, 63071 ORMYLIA - CHALKIDIKI – GREECE, www.ormyliafoundation.gr

2011 - to present: Assistant Module Coordinator (AMC) at the Hellenic Open University (HOU): module "General Principles of Light" SFP 51 - Postgraduate course "Lighting Design and Multimedia - School of Applied Arts.

2010 - to present: Teaching in the postgraduate program of AUTH: Protection, Conservation and Restoration of Monuments of Culture / DIRECTION B: Protection, Conservation and Restoration of art objects and mechanisms. "The contribution of colour science in the measurement and documentation of the colour in paintings and illustrated historical monuments"

Studies

- Diploma of Physics, Physics Department, School of Sciences, University of Athens (1991)
- D.E.U.G. History of Art - University of NANTERRE - PARIS X University (1992)
- D.E.S.S.- University of BORDEAUX I, “Méthodes Physiques en Archéologie et Muséographie” / D.E.A.- University of BORDEAUX III, “Histoire, Civilisation: Archéologie des mondes antiques” (1993)
- PhD, National Technical University of Athens, Department of Chemical Engineering, Section of Materials Science (2000) *PhD Thesis. Subject: "An optimization study of colour measurements on painted art works through the use of a non-destructive methodology."*