

Short CV

Vivi Tornari, PhDc Applied Science, BSc Physical Optics, MSc Engineering Materials, MPhil Dr Art Science Conservation RCA.

Current position: Head of Holography lab and project coordinator at IESL/FORTH.



Since 1995 research staff at Institute of Electronic Structure and Laser of the Foundation for Research and Technology Hellas/ (IESL/FORTH) specialising on optical holography and holographic interferometry techniques for non-destructive structural diagnostics in art conservation. Since 2000 established and is heading the holography laboratory and applied holographic metrology team. She is experienced coordinator of National, International, and European research projects. She is the author and co-author in over 100 papers in peer-review

journals, academic magazines, conference proceedings, manuals, reports, protocols, and text books.

Coordinator of EC projects LASERACT and MULTIENCODE, educational programs and Romanian/ Italian/ Chinese/ Swiss bilateral co-operations, supervisor in National/ International projects with industry, museums and galleries, technical partner and workpackage leader in FP4-FP7 EC projects. Her research lies in the optimisation and development of laser holographic techniques and instrumentation for the study of physical and mechanical aspects of aging, defect detection, growth, deterioration mechanisms, photomechanical and long-term effects, environmental impact, originality assessment, fringe pattern classification, etc. Research interests varying from applied physics and coherent metrology fundamentals to applications on artwork conservation field to include physics and mechanisms of laser-matter interactions and optical system developments to the philosophy of physics and specially to wave interference and interconnection of information.

She has been awarded several Internships and has various publications in book, conference proceedings, open-access and printed journals. Member of international Committees for Optics, Holography, Optical Metrology and Interferometry. Production and several exhibits of holographic artworks.

Athens 1962, female, single, vegan.