

### Athina Georgia Alexopoulou

Full Professor

Department of Conservation of Antiquities and Works of Art University of West Attica (UNIWA)

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# **CURRENT POSITION(S)**

1998 - ongoing	<b>Full Professor</b> , Department of Conservation of Antiquities and Artworks, University of West Attica (UNIWA-former Technological Educational Institution of Athens), Greece			
2015- ongoing	<b>Director</b> , ARTICON Lab Conservation - Promotion of Visual Arts, Books and Archival Material, UNIWA, Greece			
2018-ongoing	<b>Coordinator</b> , Committee of Postdoctoral Studies of the Dpt. of Conservation of Antiquities and Artworks, UNIWA			
2020-ongoing	Member, Sectoral Scientific Council "Tourism Culture and Creative Industries", National Council for Research, Technology and Innovation (ESETEK), Greece			
2018-ongoing	Member, Council of the Training and Lifelong Learning Center, UNIWA			
1991-ongoing	Expert Scientific Collaborator at the National Gallery - Alexandros Soutzos Museum for Conservation and Restoration of Works of Art, Greece			

# **PREVIOUS POSITION(S)**

2013-2014	<b>Deputy Dean</b> School of Applied Arts and Culture, University of West Attica, Greece
2013-2014	<b>President</b> Dpt. of Conservation of Antiquities and Artworks, University of West Attica (former TEI), Greece
2004-2011	Member of the Council of the Dpt of Conservation of Antiquities and Works of Art and Head of the Sector of General Courses.
1984-1994	<b>Freelancer</b> Conduction of Study, Diagnosis and Documentation of Works of Art, Greece
1986-1999	Research Associate with a fixed-term contract at the Department of Conservation of Antiquities and Works of Art of TEI of Athens (teaching, research)
1987-1993	Research Associate with a fixed-term contract at the Department of Photography of TEI of Athens (teaching, research)
1984-1994	Freelancer for consultancy on issues related to the Study, Diagnosis and Documentation of Works of Art.

EDUCATIO	N
Please add se	parate sections for each degree starting with the most recent.
1985-1992	School of Chemical Engineering, National Technical University of Athens (NTUA) Greece, <b>"Contribution of image processing techniques to the study of byzantine and</b> <b>post byzantine icons. Measurement of the reflection coefficient of paint layers."</b> , Ph.D. in Physical Chemistry of Artworks
1978-1984	School of Chemical Engineering, National Technical University of Athens (NTUA), Greece, "Study of the electrolytic reaction mechanism of the aluminium reduction in NaCl-KCl-LiCl mixtures" in Chemical Engineering (Integrated Master).

### **PUBLICATIONS** Selection 28/38

- P. Banou & A. Alexopoulou, 2022, Oil media on paper: reflections on condition assessment in a new context, in *Contemporary Issues in Book and Paper Conservation*, edited by P. Murray, L. Humenuck, W. Bennett & L. Moon-Schott, published by ICON and Archetype Publications, London, pp. 8-14
- Banou, P., Boyatzis, S., Choulis, K., Karabotsos, A., Tsimogiannis, D., Tsakanika, L-A., Tzia, C. and Alexopoulou, A.G., 2022, Oil Media on Paper: Investigating the Effect of Linseed Oils on Lignocellulosic Paper Supports, *Analytica* 2022, *3*(3), 266-286; doi.org/10.3390/analytica3030019
- Panou E., Kaminari, Tsairis, G. and A.A., Alexopoulou A.G. 2022, Applying spectral imaging for the documentation of ship graffiti in Horologion of Andronikos of Kyrros, Greece: A comparative study and new evidence *Sustainability* 2022, *14*(21), 13791; doi.org/10.3390/su142113791
- Banou, P.; Choulis,K.; Karabotsos,T.; Tsimogiannis,D.; Tsakanika,L.-A.; Tzia,C.; Alexopoulou, A.G. 2022, Oil Media on Paper: Investigating the Effect of Linseed Oils on pure cellulosic Paper Supports. A Research Matter of Damage Assessment. Analytica 2022, 3(1), 120–134. doi.org/10.3390/analytica3010009
- Alexopoulou, A.G. 2022. The challenge of the emergency remote teaching in the education of art conservators. Experiences and reflections. *Design/Arts/Culture*, 2. doi.org/10.12681/dac.27458
- Kaminari, A., Banou, P., Moutsatsou, A., & Alexopoulou, A. 2022. Non-destructive investigation of paintings on different substrates. Methodology, achievements and limitations. *Design/Arts/Culture*, 2. doi.org/10.12681/dac.27455
- "Photographic and technical examination. A valuable tool for the conservation treatment of works of art on paper and parchment", P.Banou, A.Alexopoulou and A.-A.Kaminari, in Works of Art on Parchment and Paper Interdisciplinary Approaches, Ed.Natasa Golob & Jedert Vodopivec Tomazic, Univerza u Ljubljani, Ljubljana, pp.217-227, 2019. <u>https://e-knjige.ff.uni-lj.si/znanstvena-zalozba/catalog/book/183</u>
- "Visualising underpainted layers via spectroscopic techniques: a brief review of case studies", Bratitsi M., Liritzis I., Alexopoulou A., Makris D., *Scientific Culture*, Vol. 5, No. 3, pp. 55-68, 2019. doi:10.5281/zenodo.3340112
- "Hyperspectral imaging studies on Greek monuments, archaeological objects and paintings on different substrates: Achievements and limitations" A.Alexopoulou, A.Moutsatsou, A.Kaminari, in A. Moropoulou et al. (Eds.): TMM\_CH2018, CCIS 962, pp. 443–461, Springer 2019. doi.org/10.1007/978-3-030-12960-6\_31
- Georgiadou Z, Ilias P. and Alexopoulou A.G., 2019, Interdisciplinary approaches in cultural heritage documentation: the case of Rodakis house in Aegina, in A. Moropoulou et al. (Eds.): TMM\_CH 2018, CCIS 961, pp. 500–512, Springer 2019 doi.org/10.1007/978-3-030-12957-6\_35

- The contribution of Visible and Fluorescence Light Microscopy to an non-invasive authenticity control of paper substrates of 19th century watercolour paintings. Moutsatsou, A.P., Terlixi, A.V., Alexopoulou, A., Koukios, E.G., 2017. Cellulose Chemistry and Technology *Cellulose Chemistry and Technology*, 50(5-6), pp.486-495.
- P. Banou, A. Alexopoulou & B. W.Singer, 2015 "The treatment of oil paintings on paper supports— Considerations on the treatment applications used from the past until the present", Journal of Paper Conservation, IADA, Vol.16, No.1, pp.29-36. <u>doi.org/10.1179/1868086015Z.0000000003</u>
- "The evolution of imaging techniques in the study of manuscripts" A.Alexopoulou & A.Kaminari 2014, Manuscript Cultures, No.7, pp.58-68
- www.manuscript-cultures.uni-hamburg.de/MC/articles/mc7\_Alexopoulo\_Kaminari.pdf
- "The evolution of imaging techniques in the study of manuscripts" A.Alexopoulou & A.Kaminari 2014, Manuscript Cultures, No.7, pp.58-68
- www.manuscript-cultures.uni-hamburg.de/MC/articles/mc7\_Alexopoulo\_Kaminari.pdf
- "The Papyrus from the "Musician's Tomb" in Daphne: MII 7449, 8517-8523 (Archaeological Museum of Piraeus)", A. Alexopoulou and I.Karamanou, 2014 GRMS 2 23-49, (eds: Brill) https://doi.org/10.1163/22129758-12341251
- Multispectral documentation and image processing analysis of the papyrus of Tomb II at Daphne, Greece A.Alexopoulou, A-A. Kaminari, A. Panagopoulos and E. Poehlmann. 2013, Journal of Archaeological Science, Elsevier Pub., Vol.40 Issue 2, February 2013, pp. 1242-1249, http://dx.doi.org/10.1016/j.jas.2012.09.013
- "Reconstruction and imaging of copy press samples", A. Kaminari, A.Alexopoulou, P. Banou, P.M.Tate, E.Buckley-Dhoot, 2012, *The Artists Process. Technology and Interpretation*, ICOM-CC 2010, Archetype Publications. http://www.archetype.co.uk/publication-details.php?id=149
- "Study and documentation of an icon of "Saint George" by Angelos using infrared reflectography", A.Alexopoulou and A.-A.Kaminari, *Icons by the hand of Angelos. The Painting Method of a fifteenth-century Cretan Painter*, Benaki Museum, pages 151-161, 2010. <u>http://www.icon-network.org/Icons-by-the-hand-of-Angelos.html</u>
- "Comparative study of 12 icons of the Loverdos' Collection", <u>A.Alexopoulou</u>, in the CD-ROM titled
  "DiARTgnosis: Study of European religious painting" Byzantine and Christian Museum, Edited by University of Westminster, 2004.
- "Physical chemical Study and Documentation", <u>A.Alexopoulou</u>, in the volume titled "Dialogue on Icons -Loverdos Collection" of the four volume scientific book: "DiARTgnosis: Study of European religious painting", CULTURE 2000/A2/GR-96, Byzantine and Christian Museum, 2003.
- "The contribution of image processing to the sudy of pigments", Byzantine icons Art, Technique and Technology <u>A.Alexopoulou</u>, E.Perdikari, Ch.Vourvopoulou, 2002 Genadios Library, Crete University Press, Hiraklio 2002
- "Methods of Non Destructive Testing (NDT)" A.Alexopoulou 2002: CD-ROM, PkNet, Athens, Greece <a href="http://conscilab.ca.teiath.gr/flash/flash.html">http://conscilab.ca.teiath.gr/flash/flash.html</a> (in greek).
- Non destructive methods of analysis of four Ionian Paintings, Condition Reports A.Alexopoulou, E.Psalti, K.Gerakari, 2001in the volume:SAVE ART-Art & Technologies in Conservation European Erasmus-Socrates, TEI of Athens, pages 129-191
- "Introduction of the application of non destructive methods of analysis on painted art works" A.Alexopoulou, 2001, in the Volume: SAVE ART-Art & Technologies in Conservation European Erasmus-Socrates, TEI of Athens, pages pages 123-127
- Exact Sciences and Works of Art A. Alexopoulou-Agoranou & Y.Chryssoulakis 1993 Scientific Editing A. Alexopoulou, 4th edition, Gonis Ed., Athens, Greece, pages 303 (in greek)
- Analysis of the artworks' materials using Physical Chemical Techniques, A.Alexopoulou-Agoranou, E.Ioakimoglou, P. Moira, 1992, Gonis Editions, Athens, pages 134 (in greek).
- The contribution of image processing techniques to the physicochemical study of byzantine and post byzantine icons. Paint layers reflectance measurements" A. Alexopoulou Ph.D. thesis, School of Chemical Engineers, National Technical University of Athens (NTUA) 1990

### Peer review full papers in International Conferences Proceedings selection 7/41

- Kaminari A.-A., Panou, E., Tsoniotis N., & Alexopoulou A., (2022) Spectral imaging for stone surface investigation: the case of Horologion of Andronikos Kyrristos in Roman Agora, Athens, Greece. 43rd International Symposium on Archaeometry (ISA 2020/2022), Lisbon, Portugal, 16-20 May, 2022
- Panou E.& Alexopoulou A.G. (2022). The Horologion of Andronikos of Kyrros in Athens, Greece: cultural heritage issues and historical evidence. In peer reviewed full paper proceedings *Construction Pathology, Rehabilitation Technology and Heritage Management, REHABEND*, September 13-16, Granada, Spain, accepted
- Kaminari A., Banou P., Alexopoulou A., 2015, "The application of FORS and Colourimetry for the evaluation of the optical change of the artist paper supports used for printing and oil painting techniques", 8th National NDT Conference: The Contribution of Non-Destructive Testing for the Safety of Small and Large Works and Constructions, The Hellenic Society of Non-Destructive Testing Athens, 8-9 May 2015
- Alexopoulou, A. Kaminari, A. Panagopoulos, 2013, "Multispectral Imaging Assisted by Image Processing: A Useful Tool for the Study of Ancient Writing and Sketches on Different Substrates" Proceedings of the 5th International Conference on NDT of HSNT- IC MINDT 2013.
- Vicky Spachou, Vicky Kantarelou, Andreas Karydas, Vassilis Paschalis, <u>Athina Alexopoulou</u> and Stamatis C. Boyatzis, 2010 "Investigation of the painting technique and identification of pigments in the work of Nikos-Hadjikyriakos-Ghikas", IIC Congress: "Conservation and the Eastern Mediterranean", September 19-24, Istanbul, Turkey
- <u>Alexopoulou A.</u>, Koutsouris A., Panagopoulos A., Gerakari K., 2006: "Proposition of a methodology for the detection and identification of craquelure patterns on painted artworks", International Conference on Icons: Research, Conservation and & Ethics Issues, Benaki Museum, Athens, 3-7 December
- Alexopoulou A., Koutsouris A., Konstantios D., Mariolopoulou P., Gerakari K., Xatzistylianou A., Psalti E., 2005: "Non-Destructive documentation of 12 post Byzantine icons of the Loverdo's collection", ART'05 8th International Conference on Non Destructive Investigations and Microanalysis for the Diagnostics and Conservation of the Cultural and Environmental Heritage, Lecce 15-19 May, Italy.

### **Scientific Books**

- A.Alexopoulou, A.Kaminari, A.Moutsatsou, P.Banou *«Spectral Imaging Trechniques in the sudy of Cultural Heritage"*, Open Academic Editions, Kallipos, p.300 (under publication)
- Α.Αλεξοπούλου 2002: «Non destructive tresting of Artworks» CD-ROM, PkNet, Athens, http://conscilab.ca.teiath.gr/flash/flash.html
- Α.Αλεξοπούλου-Αγοράνου, Γ.Χρυσουλάκης 1993:"Physical Sciences and Works of Art" Gonis:, Athens, p.303
- Α.Αλεξοπούλου-Αγοράνου, Ε.Ιωακείμογλου, Π.Μοίρα, 1992.: "Ανάλυση των Υλικών Κατασκευής των Εργων Τέχνης με Φυσικοχημικές Τεχνικές", Εκδόσεις Γκόνη, Αθήνα, σελ.134
- A.Alexopoulou 1990, The contribution of image processing techniques to the physicochemical study of byzantine and post byzantine icons. Paint layers reflectance measurements, Ph.D.thesis, School of Chemical Engineers, National Technical University of Athens (NTUA)

#### **Book Chapters** (selection 6/11)

- P. Banou & A. Alexopoulou, 2022, Oil media on paper: reflections on condition assessment in a new context, in *Contemporary Issues in Book and Paper Conservation*, edited by P. Murray, L. Humenuck, W. Bennett & L. Moon-Schott, published by ICON and Archetype Publications, London, pp. 8-14
- Kaminari, P. Banou, A. Stassinou & A. Alexopoulou,2021, Letterpress Copying books: the need for a condition assessment protocol, in *Ink Corrosion- the Missing Links*, Georgios Boudalis, Patricia Engel, Elissaveta Mousakova, Flavia Pinzari, Joseph Schirò and Jedert Vodopivec Tomažič (eds.), Verlag Berge: Horn/Wien, Austria pp. 203-217.
- P.Banou, A.Alexopoulou and A.-A.Kaminari, 2019, Photographic and technical examination. A valuable tool for the conservation treatment of works of art on paper and parchment in *Works of Art on Parchment and Paper* Interdisciplinary Approaches, Ed.Natasa Golob &Jedert Vodopivec Tomazic, Slovenian Ministry of Culture and the Archives of the Republic of Slovenia, Ljubljana pp.217-227 https://doi.org/10.4312/9789610602743 https://e-knjige.ff.uni-lj.si/znanstvena-zalozba/catalog/book/183
- <u>A.Alexopoulou</u> and A.-A.Kaminari, 2010: "Study and documentation of an icon of "Saint George" by Angelos using infrared reflectography" *Icons by the hand of Angelos. The Painting Method of a fifteenth-century Cretan Painter*, Benaki Museum, pages 151-161. http://www.icon-network.org/Icons-by-the-hand-of-Angelos.html
- <u>A.Alexopoulou</u>, 2004: "Comparative study of 12 icons of the Loverdos' Collection" in the CD-ROM "DiARTgnosis: Study of European religious painting" Byzantine and Christian Museum, Edited by University of Westminster, Westminster, U.K.
- <u>A.Alexopoulou</u>, 2003: "Physical chemical Study and Documentation" in "Dialogue on Icons -Loverdos Collection - DiARTgnosis: Study of European religious painting", CULTURE 2000/A2/GR-96, Byzantine and Christian Museum:Athens

#### Workshops, summer schools, educational seminars (Invited Speaker) (Selection 6/10)

- "Icônes. La Fabrique matérielle du visuel", 2021, Paris Proceedings editing (in press)
- "Icons in the making: Art and Technology of Icons in Greece and Ethiopia, 15th-18th century" Franco-Hellenic Scientific Workshop, 9 -10/12/2019, Athens, Greece + Proceeedings editing (in press)
- Participation to the "Researcher night 2020", NTUA, Athens with the video:
- https://www.youtube.com/watch?v=kXPxFSWfwNo
- Conference "Diagnosis: Analytical techniques and conservation of cultural heritage." 03-11-2017, Archaeological Museum of Thessaloniki, Greece
- *Conference for conservation and preservation of artworks*, 16-03-2016, Museum of Byzantine Culture at Thessaloniki, Greece
- Non destructive testing (NDT) in Archaeometry", in DIGITAL TECHNOLOGIES & FIELDWORK IN CULTURAL HERITAGE, MUSEUMS & MYCENAEAN SITE OF KASTROULI DigArch2016.
- *Conference Papyrology Palaiography*, 2013, Faculty of Humanities and Cultural Studies, University of Peloponnese, Greece

### **MEMBERSHIPS & REVIEWING ACTIVITIES**

2014-2018	Scientific Representative of UNIWA, T-70 Committee of National Organization of Standards, Greece
2010-ongoing	Member of the Hellenic Society of Non-destructive Testing (EAEMKE) Member of the Hellenic branch of the International Council of Museums (ICOM)
2006-ongoing	Member of the Hellenic branch of the International Council of Museums (ICOM)
1985-ongoing	Member of the Technical Chamber of Greece
2019-2022	Peer review of Scientific Journals (e.g. Sensors, Applied Science, Coatings, Mediterranean Archaeology, Designs/Arts/Culture

# **TEACHING ACTIVITIES**

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	UNDERGRADUATE COURSES			
1985-1990	Ph.D. Candidate - "Material Science" Laboratory practice, Dpt. of Chemical			
Engineering, National Technical University of Athens (NTUA), Greece				
	Full Professor - "Physical Chemical Methods for Diagnosis and Documentation"			
2010-2018	Lectures and Laboratory practice, Dpt. of Conservation of Antiquities and			
	Artworks, TEI-A/University of West Attica (UNIWA), Greece			
2010-2018	Full Professor- "Methods of Instrumental Chemical Analysis" Lectures and Laboratory			
2010-2018	practice, Dpt. of Conservation of Antiquities and Artworks, TEI-A/UNIWA, Greece			
	Full professor with a work contract – "Physical Chemical and Radiochemical			
1985-1999	Techniques" part I,II,III and IV Lectures and Laboratory practice, Dpt. of Conservation			
	of Antiquities and Artworks, TEI-A/UNIWA, Greece			
2015	Full Professor - "Organic Chemistry for Conservators", Lectures, Dpt. of Conservation			
2013	of Antiquities and Artworks, TEI-A/UNIWA, Greece			
1999-2010	Full Professor – "Methodology of the application of Physical Chemical Analysis"			
1999-2010	Lectures, Dpt. of Conservation of Antiquities and Artworks, TEI-A/UNIWA, Greece			
1999-2010	Full Professor – "Dating Methods" Lectures, Dpt. of Conservation of Antiquities and			
1999-2010	Artworks, TEI-A/UNIWA, Greece			
1985-1999	Full Professor with a work contract – "Basic Principles of Physics" Lectures, Dpt. of			
1705-1777	Conservation of Antiquities and Artworks, TEI-A/UNIWA, Greece			
1985-1999	Full Professor with a work contract – "Photography" Lectures and laboratory practice,			
1703-1777	Dpt. of Conservation of Antiquities and Artworks, TEI-A/UNIWA, Greece			
1987-1993	Full Professor with a work contract – "Applied Photography in Sciences" Lectures			
170/-1775	and laboratory practice, Dpt. of Photography, TEI-A, Greece			
1990-1992	Free Lancer – "The Chemistry of Photography" Lectures, Dpt. of Photography, TEI-A,			
1770-1772	Greece			
	Full Professor - Organisation and presentation of the educational material in the form of			
	A+ level open courses"Physical Chemical Methods for Diagnosis and Documentation"			
2013-ongoing	Lectures and Laboratory practice, Dpt. of Conservation of Antiquities and Artworks,			
	TEI-A/UNIWA, Greece, https://ocp.teiath.gr/courses/SAET_UNDER102			

	POSTGRADUATE COURSES
2018-2022	Unit Scientific Coordinator, Lectures and Laboratory practice- "Special Issues on Non Destructive Testing", Dpt. of Conservation of Antiquities and Artworks, University of West Attica, Greece
2018-2020	<b>Full Professor</b> – "The Science and Technology of Color" Lectures, Dpt. of Conservation of Antiquities and Artworks, University of West Attica, Greece
2018	<b>Full Professor</b> – "Special Issues on Conservation of byzantine monuments" Lectures, Dpt. of Conservation of Antiquities and Artworks, University of Peloponnese - Research Institute of Byzantine Culture, Greece

# SUPERVISION OF GRADUATE STUDENTS & POSTODOCTORAL FELLOWS

	Conversion of the second					
2019-ongoing	Supervisor of the post doctoral research of Dr. Evaggelia Panou: "Interpretation and Evaluation of non-destructive testing of the wall stone surfaces of Horologion of Andronikos of Khyrristos in the Roman Agora, Athens, Greece .					
2019-ongoing	Supervisor of Penny Banou's PhD thesis, University of West Attica, Greece, entitled: "The effect of linseed oil as a binder on the paper substrate of archival material, books and works of art. Distinguishing stages of deterioration".					
2020-ongoing	Supervision of Georgios Tsairis PhD Thesis, University of West Attica, Greece, enitled					
2016-ongoing	Member of the supervising board of Maria Mpratitsi's PhD thesis, Department of Mediterranean Studies, University of the Aegean, Greece, entitled "Digital representation of the colour layers of post-byzantine portable icons by multispectral imaging techniques".					
2013-2020	Member of the supervising board of Eva Kardara's PhD thesis, Department of History and Archaeology, National and Kapodistrian University of Athens, Greece					
2011- 2017	Member of the supervising board of Anna Moutsatsou's PhD thesis, Dpt. of Chemical Engineers, National Technical University of Athens, Greece					
2007-2014	Supervisor of Agathi Kaminari's PhD thesis, School of Chemical and Pharmaceutical Sciences, Kingston University, U.K.					
2000-2006	Advisor at the supervising board of V. Kokla's PhD thesis, Harrow School of Computer Science, U.K.					
2019-2020	MSc dissertation of Alexandra Kalliga: "Russian Icons. Proposition of a non destructive methodology for the study of the construction technique and application on triptych of the Museum Benaki Collection".					

## **FELLOWSHIPS and AWARDS**

2018	<b>Diploma of Honour</b> for the study of the sketches on the interior wall surfaces at the Halepas Museum (2016-2017), Municipality of Tinos Island, Greece	
1987-1988	<b>Scholarship</b> , Joint Research Program ERASMUS UCP-87-0004-G1-GR, Institut Français de Restauration des Oeuvres d'Art, Paris, France.	

# **RESEARCH GRANTS** (after evaluation)

*Please add indicative research projects (international or national) in which you have participated or participated (in any role). Selection* 7/15

Project Title	<b>Funding source</b>	Period	Role
GREENART: GREen ENdeavor in Art ResToration	EU HORIZON-CL2-2021- HERITAGE-01-01 Grant Agreement 101060941	2022- 2025	Partner, Project Manager
ARCHIMIDES III "Physico-chemical study and documentation of the state of conservation of oil paintings and drawings on paper. Formulation of criteria - conservation proposals"	OPERATIONAL PROGRAMME "Education and Lifelong Learning" EPEAEK II	2012- 2015	Project Manager
Multispectral study of oil sketches belonging to the National Gallery and Andreas Soutzos Museum,	Costopoulos Foundation	2009- 2010	Project Manager
CRAQUELE: Methodology for the extraction of the crack network and its specific mathematical features from images of the visible, ultraviolet	ATHENS 2004 COMMITTEE FOR THE RESEARCH AND	2004- 2006	Project Manager

EDUCATION, TEI of ATHENS		
OPERATIONAL PROGRAMME "Education and Lifelong Learning" EPEAEK I	2002- 2006	Project Manager
EU–CULTURE AND CREATIVITY	2000- 2005	Head of the research team
EU –ERASMUS SOCRATES	2001	Head of the research team
	ATHENS OPERATIONAL PROGRAMME "Education and Lifelong Learning" EPEAEK I EU–CULTURE AND CREATIVITY EU –ERASMUS	ATHENSOPERATIONAL PROGRAMME "Education and Lifelong Learning" EPEAEK I2002- 2006EU-CULTURE AND CREATIVITY2000- 2005EU -ERASMUS2001

# **OTHER GRANTED RESEARCH** (Selection 7/20)

<b>UTHER GRANTED RESEARCH</b> (Selection 7/20)				
Project Title	Funding source	Period	Role	
La Fabrique Matériel du Visuel	L'Institut National d'Histoire de l'Art (IHNA, Paris France)	2022	Subcontractor	
Physicochemical Study of the portable icon "The Birth".	Private funding	2019	Project Manager	
Study for the revelation and highlighting of the graphics on the walls of the House-Museum of G. Halepa in Pyrgos, Tinos https://www.archaiologia.gr/blog/agenta/οι- τοίχοι-που-μιλάνε	Municipality of Tinos Island	2016- 2017	Project Manager	
Physical and chemical study and documentation of the surfaces of the Horologion of Andronikos Kyrrestos in the archaeological site of the Roman Agora of Athens.	Ephorate of Antiquities of Athens in the framework of the Operational Programme "Attica" NSRF 2007-2013.	2015	Project Manager	
Non-destructive physicochemical diagnosis and documentation of two marble pyxis.	Ephorate of Antiquities of Ancient Corinth, Greek Ministry of Culture and Sports	- 2015	Project Manager	
Non-destructive physicochemical diagnosis and documentation of part of the surface of the frescoes of the Holy Church of Panagia Katholiki Gastouni in Ilia	Ephorate of Antiquities of Antiquitis of Achaia, Greek Ministry of Culture and Sports	2011	Project Manager	
Physicochemical Study and Documentation of Icons of St. Nicholas and Agia Paraskevi Church, Abliani, Karpenisi, Greece	Private funding	2009	Project Manager	
'Physicochemical Study and Documentation of the oil painting entitled "Thalassography", signed "Айваzовскій 1883"	Private funding	2008	Project Manager	
Application of non-destructive diagnostic techniques for the physicochemical study and documentation of the oil painting "Caucasian musician with musical instrument"	Private funding	2007	Project Manager	
Study and characterization of the construction materials of F.Kontoglou frescoes at the Church	Apostolic Ministry of the Church of Greece	2005	Project Manager	

of St. Andreas, Athens, Greece using physicochemical methods.			
Physicochemical study and documentation of the frescoes of the crypt of St. Barbara's Church in Egaleo	Apostolic Ministry of the Church of Greece	2002	Project Manager

#### SCIENTIFIC ACHIEVEMENTS

Professor Athina Georgia Alexopoulou is among the pioneers in the application of non destructive testing in the field of cultural heritage physicochemical diagnosis and documentation in Greece. Through her thesis titled "The contribution of image processing techniques to the physicochemical study of byzantine and post byzantine icons. Reflectance measurements of paint layers", she was introduced for the first time in 1990 to the use of infrared reflectography in the study of the paint layers and, through it, to a methodology for the paint layers' reflectance measurement using the emerging at that time, image processing techniques. This was the first fully substantial documented scientific approach based on imaging techniques for the study of Greek art paintings. Since then, she has demonstrated a rich research, writing and educational work on the development of scientific protocols and the application of new technologies in the study, of Cultural Heritage objects and monuments of particular historical and artistic value. A special emphasis is given , on the non-destructive testing and specially on non visible spectral imaging techniques.

As Head of the Committee for the PhD studies she was responsible for the editing of the regulations for the Doctoral Studies of the Department and has all relevant scientific and administrative resposibility. Moreover, as Director of the ARTICON laboratory " Conservation-Promotion of Visual Arts, Book and Archival Material" she has enriched her activities by participating to many calls for funding, organizing a number of specialized workshops, master classes, research missions and collaboration agreements with experts, Cultural Foundations and Museums. It is worth mentioning, among others the organizing of a network of paper conservation laboratories in Greece and a Protocol Agreement for Collaboration between ARTICON Lab and the Museum of Greek Folk Art (2016) concerning research activities on Greek popular painters. Her research study (2018), concerning the sketches on the interior wall surfaces at the Gianoulis Halepas House-Museum in Tinos Island, was awarded a diploma of honour by the Municipality of Tinos and has been presented, under the auspices of the Ministry of Culture and Sports, as one of the main scientific events of the "2018 Halepas' Year". Recentl, on behalf of ARTICON Lab, she signed an agreement for the collaboration with the Institut National d'Histoire de l'Art in the framework of the project " La Fabrique Matériel du Visuel: transferts des matériaux et des techniques des panneaux peints en Méditerranée, XIIIe-XVIe siècle."

ARTICON Lab has also produced two videos to disseminate the research activities undertaken within the laboratory, under the scientific management and editing of Athina Alexopoulou. The videos can be reached in the following links.

https://www.youtube.com/watch?v=kXPxFSWfwNo (concerning the reseach on Horologion of Kyrristow, Roman Agora, Athens Greece) and

https://www.youtube.com/embed/ VY463K4ejw (concerning the sketches on the interior wall surfaces at the Gianoulis Halepas House-Museum in Tinos Island).

### Invitred Speaker (Selection) :

- The contribution of physico-chemical approach to the interpretation of icons in Greece; conditions, challenges and limitations, in Franco Hellenic Symposium "Icons in the making: Art and Technology of Icons in Greece and Ethiopia, 15th-18th century" Ministry of Culture (2019)
- Imaging techniques applied to archeological objects and historical buildings. New Dimensions-Possibilities-Perspectives", in *Conference "Diagnosis: Analytical techniques and conservation of cultural heritage.*" Archaeological Museum of Thessaloniki 03-11-2017

- The role of Non Destructive Testing (NDT) in the study of artworks in *Conference for conservation and preservation of artworks*, Museum of Byzantine Culture at Thessaloniki, 16-03-2016
- Modern imaging techniques in the study of ancient papyrus and manuscripts in *Conference Papyrology Palaiography*, Faculty of Humanities and Cultural Studies, University of Peloponnese, 2013.
- 5. Organisation of international Conferences (selection 8/12)
- GREENART Kick-off Meeting, Organizer Univ.West Attica 2022,
- "Nano-systems: research and applications on cultural heritage". International Conference and Work shop, (Organizer) ARTICON Lab Univ. of West Attica, Athens (2022)
- Distance learning for conservators in the pandemic era: Opportunities, Challenges and Risks, International Conference, Univ. West Attica, Athens, 2021, (Organizer)
- Artists' Archives: Issues and perspectives for their management and protection, Conference, Co-Organizer ARTICON Lab, National Documenttion Center, Athens Greece (2019)
- Co-organiser of the international conference "Icons in the making: Art and Technology of Icons in Greece and Ethiopia, 15th-18th century" ARTICON Lab, Institut National d'Histoire de l'Art (INHA France), Greek Ministry of Culture, University of the Aegean, Athens (2019)
- Co-organiser of the international conference "Icons La Fabrique matérielle du visuel" ARTICON Lab, Institut National d'Histoire de l'Art (INHA France), Musée du Louvre, Petit Palais-Musée des Beaux Arts, University of the Aegean, Paris (2021)
- "Master Class of Tracing papers", Specialized Workshop (Organizer) ARTICON LAB, 2018.
- Science in Technology SCinTE International Conference, (Member of the Organizing Committee and editing, Univ. West Attica, Athens2015,
- 6. Prizes/ Awards/ Academy memberships
- Member, Sectoral Scientific Council "Tourism Culture and Creative Industries", National Council for Research, Technology and Innovation (ESETEK)
- Member, Council of the Training and Lifelong Learning Center, University of West Attica
- Diploma of Honour for the study of the sketches on the interior wall surfaces at the Halepas Museum (2016-2017), Municipality of Tinos Island, Greece see the video here https://www.youtube.com/embed/ VY463K4ejw
- Scientific Representative of UNIWA at T-70 Committee of National Organization of Standards concerning nondestructive testing in Cultural Heritage.
- Expert Scientific Collaborator at the National Gallery Alexandros Soutzos Museum
- Member of the Technical Chamber of Greece
- Member of the Hellenic Society of Non Destructive Testing
- Member of the Hellenic branch of the International Council of Museums (ICOM)