

## Curriculum Vitæ



Name : Nesrin Mohamed Nabil Ahmed Khairat El Hadidi  
Current Position : Professor of Wood Conservation;  
Conservation Department;  
Faculty of Archaeology; Cairo University  
E-mail : [nelhadidi@gmail.com](mailto:nelhadidi@gmail.com) or [nelhadidi@cu.edu.eg](mailto:nelhadidi@cu.edu.eg)  
ORCID ID : 0000-0001-8182-0251

### **Education:**

- **Ph.D.;** 2003 in the Conservation of Archaeological Wood; Faculty of Archaeology – Cairo University; title: “A Study on some Physical, Mechanical and Chemical Changes of Deteriorated Archaeological Wood and its Consolidation, with the Application on some Selected Artifacts at the Islamic Museum of the Faculty of Archaeology”
- **M. A.;** 1998 in the Conservation of Archaeological Wood; Faculty of Archaeology – Cairo University; title: “Treatment and Conservation of Archaeological Wood with the application on Two Wooden Coffins at the Egyptian Museum- Faculty of Archaeology - Cairo University”
- **B. A.;** with distinction in the Conservation of Antiquities, Faculty of Archaeology, Cairo University (1992)

**Schools:** Deutsche Schule London (1976-1981), Deutsche Schule der Borromärinnen Kairo (1981-1988)

### **Languages spoken and written fluently:**

Arabic, English, German  
Other languages (but not fluent):  
French

### **Training Courses:**

- Electron Microscope Applications in Biology – FARP – May 2010
- Completed the following Training Courses at the Faculty and Leadership Development Center (Cairo University):
- Recent trends in teaching (15/1-17/1/2007)
  - Designing a syllabus (29/1-31/1/2007)
  - Scientific writing of research and international publishing (12/2 – 14/2/2007)
  - Criteria of quality in teaching (24/12- 26/12/2007)
  - Organizing Conferences (14/10 -16/10/2008)
  - Effective Communication (14/10 -16/10/2008)

- Research Ethics (19/6- 21/6/2012)
- Legal and Financial Aspects in University Environment (2/6 -3/6/2014)
- Effective Teaching Skills (1/12 – 2/12/2014)
- Managing Research Teams (2/5 -3/5/2015)
- Strategic Planning (10/8 – 11/8/2015)
- Exams and Students evaluation system (7/9 – 8/9/2015)

**Teaching Experience** at the Conservation Department, Faculty of Archaeology, Cairo University:

**1- Full time demonstrator** from June 1993- March 1998; Practical demonstrating of the following subjects for undergraduate students:

- |                      |   |   |
|----------------------|---|---|
| 2 <sup>nd</sup> year | : | Woodworking                                     |
|                      |   | Conservation and treatment of wood              |
| 3 <sup>rd</sup> year | : | Conservation and treatment of manuscripts       |
| 4 <sup>th</sup> year | : | Conservation and treatment of organic materials |
|                      |   | Conservation and treatment of textiles          |
|                      |   | Archaeological textile technology               |

**2-Full time assistant lecturer** from March 1998- January 1999; September 1999-March 2003; Practical demonstrating of the following subjects for undergraduate and postgraduate students:

- |                      |   |                                    |
|----------------------|---|------------------------------------|
| 2 <sup>nd</sup> year | : | Woodworking                        |
|                      |   | Conservation and treatment of wood |
| 4 <sup>th</sup> year | : | Textile dyeing techniques          |

**3- Full time lecturer** from March 2003 – March 2009

**4- Full time Assistant Professor** from March 2009 – January 2016

**5- Full time Professor** since 2016

### **Teaching:**

Undergraduates at the Conservation Department, Faculty of Archaeology, Cairo University:

- Principles in Conservation of Organic Materials (in English)
- Woodworking and Woodcarving Techniques (in Arabic and English)
- Conservation and Treatment of Wood (in Arabic and English)
- Conservation of Composite Artifacts (in Arabic and English)
- Conservation of Wooden Assemblies (in Arabic and English)
- Conservation of Wooden Structures (in Arabic and English)
- Conservation and Treatment of Ethnographic Materials (in Arabic and English)
- Ancient Technologies for Organic Materials (in Arabic and English)
- Conservation of organic waterlogged artifacts (in Arabic and English)
- Essays in Conservation of Organic Materials
- Conservation Readings in German

Undergraduates at Faculty of Tourism and Hotels, Helwan University:

- Heritage Conservation, Heritage and Museum Studies Program

Undergraduates at the College of Archaeology and Cultural Heritage Arab Academy for Science, Technology and Maritime Transport, Aswan:

Introduction to Conservation and Restoration Theory and Practice  
Restoration and Conservation of Wooden Material Culture  
Introduction to Archaeological Chemistry, Dating and Conservation  
Examination and Analysis of Inorganic Materials

Undergraduates at MUST

Woodworking and Woodcarving Techniques  
Conservation and Treatment of Wood

Postgraduates at the Conservation Department, Faculty of Archaeology, Cairo University:

- Diploma:

Woodworking and Woodcarving Techniques  
Conservation and Treatment of Wood  
Ancient Technologies (Organic Materials)  
Conservation of Composite Artifacts  
Conservation and Treatment of Wooden Assemblies in Archaeological Structures  
Conservation of Wooden Furniture

- Masters:

Environmental Control in Museums and Historic Buildings  
Advanced Topics in the Treatment of Waterlogged Organic Objects  
Advanced Topics in the Treatment of Wood  
Advanced Topics in the Treatment of Ethnographic Materials

- PhD:

Advanced Topics in the Treatment of Composite Materials

Postgraduates at Faculty of Tourism and Hotels, Helwan University:

- Masters in Museum Studies:

Concepts and Techniques Preventive Conservation  
Conservation of Museum Objects

Postgraduates at Faculty of Postgraduate Studies for Nanotechnology, Cairo University:

- Nanotechnology Diploma in Restoration and Conservation

Material Science in Ancient Egyptian Technology

**Other professional experiences:**

- ☐ Assistant Manager – Quality Assurance Unit – Faculty of Archaeology October 2013 – September 2019
- ☐ Obtained an eight month scholarship from Italy, and worked on the scientific analysis of wood at the University of Tor Vergata, Rom (1999)
- ☐ Worked in the Egyptian Radio, German transmission, prepared and presented an archaeological program “Spuren im Sand” (1998)
- ☐ Visited in 1989 the Smithsonian Museum (Washington D.C.), in 1995 the Organics Conservation Department of the British Museum; as well as the Conservation Department at the Museum of Mankind (London, U.K.).
- ☐ Conservator at the conservation department of the Egyptian Museum (Tahrir-Cairo), September 1992-May 1993
- ☐ Member of “The Arab Archaeologist”

## **Conferences, Colloquia, Courses and Workshops:**

- *Coffins in Context*, Cambridge, February 22<sup>nd</sup> -24<sup>th</sup>, 2024
  - **How to monitor, identify and assess bio deterioration in ancient Egyptian wooden coffins**
  - **Investigating the Yellow Coffin Lid: Between Original and Retouched** (poster)
- *From Thebes to Tanis: Egypt during the 21<sup>st</sup> Dynasty*, MUST University, Egypt, December 10-12<sup>th</sup>, 2023
  - **How often were the materials of the wooden coffins from the 21st Dynasty identified and published? (keynote speaker)**
- *Conserving and Restoring Archaeological Wooden Heritage in Egypt and Sudan (State of research, challenges and perspectives)*, IFAO, Cairo September 26-28<sup>th</sup>, 2022
  - **Variables in Wood Conservation (keynote speaker and scientific committee)**
- *Egyptian Wooden Artifacts: Past, Present and Future*, Online Seminar, Bibliotheca Alexandrina, March 2022
  - **Types of native and imported wood, their distribution, and reasons for their reuse, (presentation)**
- *International Congress of Egyptologists XII*, Cairo November 3<sup>rd</sup>-8<sup>th</sup>, 2019
  - **Reopening the golden doors of Tutankhamen's Innermost Shrine, (presentation)**
- *Colloquium on "Reuse, recycling and ownership in ancient Egypt: framing our understanding"*, Fitzwilliam Museum, Cambridge 7-9 February 2019
  - **Evidence of Forgery of Wooden Coffins, (presentation)**
- *Sixth International Conference of Archaeology and Heritage in Authenticity, Risks and Challenges*, Faculty of Archaeology, Cairo University, December 2018
  - **Conservation and treatment of a musical instrument (Lyre) at the Egyptian Museum in Tahrir**
  - **The application of Deck 1000 poultices for cleaning wooden object number 42 at the museum storage in Qurna, Luxor**
- *4<sup>th</sup> International Tutankhamun GEM conference*, Cairo 5<sup>th</sup> - 7<sup>th</sup> May 2018
  - **Destination GEM: Journey of Tut Ankh Amun's Inner Shrine from the Valley of the Kings to the GEM via the Egyptian Museum in Tahrir, (presentation)**
- *Science of Ancient Egyptian Materials and Technologies Conference. Cairo, Egypt. November 2017*
  - **Wood Technology and Marks, Woodworking Tools From a Ptolemaic Wooden Coffin, (poster)**
  - **Panel discussion**
- *Second Vatican Coffin Conference, Vatican Museums*, 6 - 9 June 2017
  - **A Century of Conservation of Ancient Egyptian Wooden Coffins, (presentation)**
  - **The treatment of the Ptolemaic polychrome coffin lid of *smA- tAwy Son iaH- ms* from Abusir El-Meleq, (poster)**
- *GEM Conference, February (2016)*
  - **Growing needs for Experimental and Micro analytical techniques in the Conservation of Organic Materials, (keynote)**
- *Ancient Egyptian Coffins: past • present • future Conference*, Cambridge, 7–9 April 2016
  - **Non-Destructive Study of a Ptolemaic Wooden Coffin Lid from Abusir el-Meleq in the Egyptian Museum-Cairo, (presentation)**

- **Beyond the Visible, Merging scientific analysis and Traditional methods for the documentation of the anthropoid coffin of Amenemhât, (presentation)**
  - **An Overview of the Archaeometric and Treatments Procedures of Mummy Cartonnage Masks from Saqqara Storage, (poster)**
  - **A poor quality coffin from the Late Period, (poster)**
- *Archaeological Sites and Museum Collections, Values, Problems and Solutions*, Faculty of Archaeology, Cairo University, October 2015
  - **The application of recent trends to re-construct a wooden compartment in its original location at the Omari mosque in Qus, Qena, (presentation)**
  - **Documentation of the second boat of Abu Rawash, (presentation)**
  - **Experimental study to evaluate the effectiveness of laser cleaning of molds and stains from wood surfaces using LIBS, (presentation)**
- "8th International Workshop for African Archaeobotany" Modena - Italy (2015)
  - **Identification and Decay Assessment of a Wig Box at the Egyptian Museum in Cairo, (poster)**
- *1<sup>st</sup> Conference on Egypt and the Mediterranean through Ages*, Faculty of Archaeology, Cairo University, October 2014
  - **Documentation of a wooden compartment at the Omari Mosque in Qus, (presentation)**
- *First Vatican Coffin Conference*, Vatican Museums Conference Hall, 19 - 22 June 2013
  - **The effect of Preparation layers on the Anatomical Structure and Chemical Composition of Native Egyptian Wood, (presentation)**
- *First International Congress of Prehistory in the Arab World* – Cairo, December 2012 (planning team)
- *1<sup>st</sup> International Conference on Ancient Egyptian Science* – EAO - Cairo 2010
  - **Accessories: Sandals, bags and fans, (presentation)**
- *6<sup>th</sup> International Workshop for African Archaeobotany* – Helwan University - IWAA 2009
  - **Identification of Plant Materials used in the Coiled Basketry Collection at the Agricultural Museum (Giza, Egypt), (presentation)**
- *Chem.05 Conference* - Faculty of Science - Cairo University, Egypt (2008)
  - **Chemical Changes of Archaeological Wood (poster)**
- *Giza throughout history* - Faculty of Archaeology - Cairo University, Egypt (2008)
  - **The Effect of Solvents on the Chemical Composition of Archaeological Wood (presentation)**
  - **The use of acids and bases in cleaning archaeological wood (presentation)**
- *Decorated Surfaces on Ancient Egyptian Objects, Technology, Deterioration and Conservation* – Cambridge (September 2007)
  - **Investigation and analysis of three gilded wood samples from the tomb of Tutankhamun, (presentation)**
  - **Coiled baskets from Deir El Medinah, (poster)**
- *Chem.03 Conference* - Faculty of Science - Cairo University, Egypt (2004)
  - **2g Wood: A Suitable amount of wood that can be taken from an archaeological artifact for analysis (presentation)**
- *7<sup>th</sup> Egyptology Conference* - Cambridge, U.K. (1995) (attendee)

### **Workshops:**

- The Coffins Workshop, Egyptian Museum Cairo, 17-20 June 2019
- The Coffins Workshop, Bibliotheca Alexandrina, 17-18 November 2019

### **Summer School:**

- **Webinar** Summer School 2021: “Ancient Egyptian Coffins and Sarcophagi. Study, Conservation, Diagnostic and New Technologies” 27<sup>th</sup> September – 13<sup>th</sup> October 2021

### **Awards:**

General Union of Arab Archaeologists Award for Scientific Merit - 2022

## **Publications:**

<b>For more information about publications visit the link:</b>	<a href="https://scholar.cu.edu.eg/?q=nesrin/publications">https://scholar.cu.edu.eg/?q=nesrin/publications</a> <a href="https://www.researchgate.net/profile/Nesrin-M-N-El-Hadidi">Nesrin M. N. El Hadidi (researchgate.net)</a>
<b>Citations:</b>	<a href="#">Nesrin El Hadidi - Google Scholar</a>

1. Mohamed, H., Sobh, R., **El Hadidi, N.M.N.**, Darwish, S., A Comparative Study to Evaluate Regalrez, Nano Regalrez, and Nano Composite for the Consolidation of Pigments used on Ancient Egyptian Wooden Artifacts, *Egyptian Journal of Chemistry*, vol. 68 (2), (2025), doi: 10.21608/ejchem.2024.286559.9670, 47-61
2. Almaghrabi, A., **El Hadidi, N.M.N.**, Developing and Improving the Efficacy of Wooden Artifact Display Cases According to Modern Trends in Green Interior Architecture of Museums (Applied to a showcase in the Egyptian Museum in Tahrir), *Journal of the Faculty of Archaeology (JARCH)*, vol. 17, issue 28, (2025), 1107-1133 **(in Arabic)**
3. Hafez, M. **El Hadidi, N.M.N.**, Conservation and Treatment of an inlaid wooden backgammon board from the 19<sup>th</sup> Century, *Journal of Arts & Humanities*. vol. 14, (2024), Doi: 8.24394/ JAH.2024MJAS-2409-1271, 463 -479
4. Mostafa, M.M., Abdel Moaty, A., **El Hadidi, N.M.N.**, The Paduka (or Toe Shoe) during the Two Centuries (12-14 AH/18-20 AD) in South and West Asia (an Archaeological and Artistic Study (2024), *Mağallat Al-Itihād Al-‘ām Lil Atārīyin Al-‘arab (JGUAA)* vol. 25 (2), (2024), DOI: 10.21608/jguaa.2024.232419.1308, 227-255 **(in Arabic)**
5. Younis, O. M., **El Hadidi, N.**, Darwish, S. S., Mohamed, M. F., Cellulose-Based Materials for The Consolidation of Archaeological Wooden Artifacts: Review Article, *Advanced Research in Conservation Science*, vol. 5, no.1, (2024), DOI: 10.21608/arcs.2024.271433.1047, 42-63
6. Salah, A., **El Hadidi, N.M.N.**, Mohamed, M. F., A comparative study to evaluate the effect of hot water immersion on some bio-adhesives of animal and plant proteins used as marquetry adhesives in wooden furniture, *Journal of the Faculty of Archaeology (JARCH)*, vol. 16, issue 27, (2024), 1619-1630 **(in Arabic)**
7. El Ganainy, B., **El Hadidi, N.M.N.**, Mohamed, M. F., Comparison between the effects of natural and accelerated light ageing on pine wood, *Journal of the Faculty of Archaeology (JARCH)*, vol. 16, issue 27, (2024), 1567-1579 **(in Arabic)**
8. Salah, A., **El Hadidi, N.M.N.**, Mohamed, M. F., Marquetry, its origins, the most important causes of separation of wood veneers and suggested bioadhesives for the treatment of this phenomenon, *Journal of Arts & Humanities*. vol. 12 (2023) Doi: 8.24394 /JAH.2023 MJAS-2306-1156, 181-192 **(in Arabic)**
9. Morssy, S., **El Hadidi, N.M.N.**, Amin, E.A., Degradation phenomena which affect the wooden elements in Archaeological Religious Buildings with the Application on the Pulpit of Al-Amrawi Mosque in Minia, *Journal of Arts & Humanities*. vol. 11 (2023) Doi: 8.24394/ JAH.2023MJAS-2212-1115, 95-100 **(in Arabic)**
10. Hamouda, K., **El Hadidi, N.M.N.**, Hamed, S., Abdel-Aziz, M. Coupling of SEM-EDX and Raman spectroscopy to investigate painted preparation layers on two wooden statuettes from Ptolemaic era, *Egyptian Journal of Chemistry*, vol. 66, No. SI: 13, (2023), doi: 10.21608/ejchem.2023.184885.7411, 117 - 126
11. Younis, O. M., **El Hadidi, N.**, Darwish, S. S., Mohamed, M. F., Enhancing the mechanical strength of Klucel E/CNC composites for the conservation of wooden

- artifacts, Egyptian Journal of Archaeological and Restoration Studies "EJARS", vol.13, no.1, (2023), Doi: 10.21608/ejars.2023.305184, 13-26
12. Gawish, M., **El Hadidi, N.M.N.**, Elnaggar, A., Ebeid, H., A Mamluk Copy of Fawaed El Mawaad: Investigation and Analytical Approach, Advanced Research in Conservation Science, vol. 4, no.1, (2023), DOI: 10.21608/arcs.2023.195531.1035, 54-70
  13. Montaser, E.M., **El Hadidi, N.M.N.**, Amin, E.A., Evaluation of wood gap fillers composed of microcrystalline cellulose, paper pulp, and glass micro balloons, Pigment and Resin Technology, vol. 52 no. 4, (2023), 422-430. <https://doi.org/10.1108/PRT-08-2021-0096>
  14. Ali, F. M., **El Hadidi, N.M.N.**, Moussa, A., Botros, W., Experimental study to assess alternative supports for extensively deteriorated wooden Icons, Shedet, vol. 10, no. 10 (2023), <http://dx.doi.org/10.21608/shedet.2023.291533>, 261-278
  15. Younis, O., **El Hadidi, N.M.N.**, Darwish, S., Mohamed, M.F., Preliminary study on the strength enhancement of Klucel E with cellulose nanofibrils (CNFs) for the conservation of wooden artifacts, Journal of Cultural Heritage 60 (2023), <https://doi.org/10.1016/j.culher.2023.01.003>, 41-49
  16. Morssy, S., **El Hadidi, N.M.N.**, Amin, E.A., Study and documentation of the deterioration features in a wooden Ottoman Minbar at Al-Amrawi Mosque in Minia Governorate, Journal of Arts & Humanities. vol. 10 (2022) Doi: 8.24394/JAH. 2022 MJAS-2212-1114, 115-123 **(in Arabic)**
  17. Sharaf, L., **El Hadidi, N.M.N.**, Wesam Eldin I. A. Saber, Preliminary Study for the Evaluation of Basil Essential Oil in the Preservation of *Ficus sycomorus* Wood, Advanced Research in Conservation Science, vol. 3, no.1, (2022), DOI: 10.21608/arcs.2022.131062.1022, 1-12
  18. Montaser, E.M., **El Hadidi, N.M.N.**, Amin, E.A., A Study on the Previous Restoration Materials that had been applied on two deteriorated wooden parts in the storage of the Cheops' First Boat, Journal of Arts & Humanities. vol. 9, (2022), Doi: 8.24394/JAH. MJAS-2202-1048, 196-204
  19. Gomaa, N., **El Hadidi, N.M.N.**, Hamdy, R., Study and conservation of a heritage artifact composed of plant fibers and embroidered with colored wool thread, International Journal of Advanced Studies in World Archaeology, vol. 5, no. 2, (2022), 105-129 **(in Arabic)**
  20. Zidan, Y., **El Hadidi, N.M.N.**, Rabie. M., The essence of the *Maqsura* in Islamic architecture as a modern trend to preserve it as an archaeological cultural heritage in its own right, International Journal of Advanced Studies in World Archaeology, vol. 4, no. 2, (2022), 112-124 **(in Arabic)**
  21. Elkhial, M. M. and **El Hadidi, N.M.N.**, Assessing the Suitability of New Film Laminates for Sustainable Insect Eradication by Modified Atmosphere in Museums, Heritage Science, vol. 10 : 28 (2022) <https://doi.org/10.1186/s40494-022-00663-z>, 1-11
  22. Elkhial. M.M. and **El Hadidi, N.M.N.**, Multi-Instrumental Investigation and Analysis of a Unique Ancient Egyptian Obelisk (New Kingdom) at the Grand Egyptian Museum, Scientific Culture, vol. 8 (1), DOI: 10.5281/zenodo.5717160, (2022), 1-14
  23. Hamed, N.G., **El Hadidi, N.M.N.**, Hamdy, R., Ghanam, M.; Study on the deterioration features of an archaeological basket made of palm fronds at the National Museum of



- Egyptian Civilization, Journal of the Faculty of Archaeology (JARCH), vol. 11, (2022), 449-461 **(in Arabic)**
24. Abdrabou, A., **El Hadidi, N.M.N.**, Hamed, S., Betiha, M.A.; Experimental study on the efficacy of cleaning systems for the removal of previous conservation treatments from Tutankhamuns' gilded wooden bed, *International Journal of Conservation Science* 12 (2), (2021), 403-416
  25. Zidan, Y., **El Hadidi, N.M.N.**, Fawzi, M., Rabie. M., The effect of Carbogel poultices on Pine wood, *EJARS*, vol. 10, no. 2, Doi:10.21608/ejars.2020.131814, (2020), 113-121
  26. **El Hadidi, N.M.N.**, Abdel-Monem, H., Fawzy M., Hashem, G. G., Retreatment and conservation of a wooden panel previously treated with bees wax, *Advanced Research in Conservation Science*, vol. 1, no. 2, DOI: 10.21608/ARCS.2020.33541.1006, (2020), 48-65
  27. Hamed, S. A. M., **El Hadidi, N. M. N.**, The Use of SEM-EDX Investigations in estimating the penetration depth of preparation layers within wood structure, *Advanced Research in Conservation Science*, vol. 1, no. 1 (2020), 1-15
  28. Shreif, M. M., Sakr, A. A., Ali, M.F., **El Hadidi, N.M.N.**, Ghaly, M.F.; Scientific Investigation of Pigments and Binding from wood ceiling, Abdel Rahman Kathkad, Ottoman Period, Cairo, *Journal of Science and Arts*, No. 1(46), (2019), 163-176
  29. Badr, N.M., Ali, M.F., **El Hadidi, N.M.N.**, Abd El Rahman, M., Further Investigation of a Ptolemaic Wooden Coffin Lid from Abusir el-Meleq in the Egyptian Museum, Cairo, In: Strudwick, H. and Dawson, J. (eds.); *Ancient Egyptian Coffins Past • Present • Future*, Oxbow Books (2019), 185-193
  30. **El Hadidi, N.M.N.**, Darwish, S., Ragab, M., Abd El Razek, S., Abd El Rahman, M, Beyond the Visible, Merging scientific analysis and Traditional methods for the documentation of the anthropoid coffin of Amenemhât, In: Strudwick, H. and Dawson, J. (eds.); *Ancient Egyptian Coffins Past • Present • Future*, Oxbow Books (2019), 13-21
  31. Moataz, N., El Hadidi, N.M.N, Hamdy, R. S.; Conservation and treatment of a musical instrument (Lyre) at the Egyptian Museum in Tahrir; Sixth International Conference of Archaeology and Heritage in Authenticity, Risks and Challenges, Faculty of Archaeology, Cairo University, 2<sup>nd</sup> – 4<sup>th</sup> December 2018 **(in Arabic)**
  32. Zidan, Y.; **El Hadidi, N. M. N.**; Rabie, M.; The application of Deck 1000 poultices for cleaning wooden object number 42 at the museum storage in Qurna, Luxor; Sixth International Conference of Archaeology and Heritage in Authenticity, Risks and Challenges, Faculty of Archaeology, Cairo University, 2<sup>nd</sup> – 4<sup>th</sup> December 2018 **(in Arabic)**
  33. Attia, M., **El Hadidi, N.M.N.**, Abdel Hamied, A, Scientific study on the forgery environments applied on Acacia and Sycomore wood; a method to prove its authentication; *The Center of the Studies of Papyrus and Engravings Journal*, Ain Shams University, 2018 **(in Arabic)**
  34. Attia, M., **El Hadidi, N.M.N.**, Abdel Hamied, A, Analytical Study of the Materials used in a Polychrome wooden coffin from the Ptolemaic Period; *The Center of the Studies of Papyrus and Engravings Journal*, Ain Shams University, 2018 **(in Arabic)**
  35. Abdrabou, A., **El Hadidi, N.M.N.**, Hamed, S.A.M., Abdallah, M., Multidisciplinary approach for the investigation and analysis of a gilded wooden bed of King

- Tutankhamun, *Journal of Archaeological Science Reports* 21, <https://doi.org/10.1016/j.jasrep.2018.08.015>, (2018), 553-564
36. Badr, N.M , Ali, M.F., **El Hadidi, N.M.N.**, Naeem, G.; Identification of materials used in a wooden coffin lid covered with composite layers dating back to the Ptolemaic period in Egypt, *Conservar Património*, 29, <https://doi.org/10.14568/cp2017029>, (2018), 11-24
  37. **El Hadidi, N. M. N.**, Hamed, S. A. M.; The effect of Preparation layers on the Anatomical Structure and Chemical Composition of Native Egyptian Wood, In: Amenta, A. and Guichard, H. (eds.), *Proceedings First Vatican Coffin Conference*, Vatican Museums Conference Hall, 19 - 22 June 2013, Vol. I, Edizioni Musei Vaticani, (2017), 199-210
  38. **El Hadidi, N. M. N.**; Decay of softwood in archaeological wooden artifacts, *Studies in Conservation*, vol. 62, no. 2 (2017) 83-95, DOI 10.1179/2047058415Y. 0000000028
  39. Zidan, Y., **El Hadidi, N. M. N.**, Mohamed, M.F.; Examination and Analyses of a wooden face at the museum storage at the Faculty of Archaeology, Cairo University, *Mediterranean Archaeology and Archaeometry*, vol. 16 no. 2, doi:10.5281/zenodo.47538, (2016), 1-11
  40. Salem, M. Z. M., Zidan, Y. E., Mansour, M. M. A., **El Hadidi, N.M.N.**, Abo Elgat, W. A. A.; Evaluation of usage three natural extracts applied to three commercial wood species against five common molds, *International Biodeterioration & Biodegradation*, vol. 110, <http://dx.doi.org/10.1016/j.ibiod.2016.03.028>, (2016) 206-226
  41. Zidan, Y.; **El Hadidi, N. M. N.**; Mansour, M. A.; Abo Elgat, W. A.; Treatment of Khedive Ismail's antique gun (1863- 1879) at the National Military Museum - Saladin Citadel in Egypt – A Case Study, *International Journal of Student Research in Archaeology (IJSRA)* vol. 1, no. 1, (2016), 237–245
  42. Salem, M. Z. M., Zidan, Y. E., Mansour, M. M. A., **El Hadidi, N.M.N.**, Abo Elgat, W. A. A.; Antifungal activities of two essential oils used in the treatment of three commercial woods deteriorated by five common mold fungi, *International Biodeterioration & Biodegradation*, vol. 106, <http://dx.doi.org/10.1016/j.ibiod.2015.10.010>, (2016), 88-96
  43. Zidan, Y.; **El Hadidi, N. M. N.**, Ebeid, O.A., Documentation of the second boat of Abu Rawash, *Archaeological Sites and Museum Collections, Values, Problems and Solutions*, Faculty of Archaeology, Cairo University, October 2015 (**in Arabic**)
  44. Zidan, Y.; Emam, H., Mansour, M. A.; **El Hadidi, N. M. N.**; Abo Elgat, W. A., Experimental study to evaluate the effectiveness of laser cleaning of molds and stains from wood surfaces using LIBS, *Archaeological Sites and Museum Collections, Values, Problems and Solutions*, Faculty of Archaeology, Cairo University, October 2015 (**in Arabic**)
  45. Zidan, Y.; **El Hadidi, N. M. N.**; Rabie, M.; The application of recent trends to reconstruct a wooden compartment in its original location at the Omari mosque in Qus, Qena. *Archaeological Sites and Museum Collections, Values, Problems and Solutions*, Faculty of Archaeology, Cairo University, October 2015 (**in Arabic**)
  46. Ibrahim, M. A, **El Hadidi, N. M. N.**, Hamdy, R. S.; Identification and Decay Assessment of a Wig Box at the Egyptian Museum in Cairo (poster), *Supplemento Atti Soc. Nat. Mat. Modena* 146, (2015)

47. Zidan, Y.; Mansour, M. A.; **El Hadidi, N. M. N.**; Abo Elgat, W. A.; An experimental study to evaluate the effect of different concentrations of iron rust compounds on the growth and morphology of wood degrading, Alexandria Science Exchange Journal vol. 36, no.2, 299-309, 2015 **(in Arabic)**
48. Atef. M., Nazel, T., Nasr, S., **El Hadidi, N. M. N.**, Determination of Wood Types used In The Wooden Friezes Of The Elsqallani Mosque In Malawi - In 4<sup>th</sup> International Archaeological Conservation Conference “Modern Materials used in restoration of wall paintings”, Faculty of Fine Arts – Minia University, 20-21 April 2015 **(in Arabic)**
49. Sherif, M. M., **El Hadidi, N. M. N.**, Amin, Y. Y.; Study on the effects of weakness and structural deterioration of wooden ceilings in archaeological Islamic buildings in Cairo, reasons, treatment and reinforcement – with the application on the mosque of Ganem El Bahlawan in Cairo. In 4<sup>th</sup> International Archaeological Conservation Conference “Modern Materials used in restoration of wall paintings”, Faculty of Fine Arts – Minia University, 20-21 April 2015 **(in Arabic)**
50. **El Hadidi, N. M. N.**; Changing Research Trends in the field of Archaeological Wood at the Conservation Department - Faculty of Archaeology – Cairo University, Studies in Conservation, vol. 60, no. 3 <https://doi.org/10.1179/2047058413Y.0000000124> (2015), 143-154
51. Zidan, Y.; **El Hadidi, N. M. N.**; Rabie, M.; Documentation of a wooden compartment at the Omari Mosque in Qus, *1<sup>st</sup> Conference on Egypt and the Mediterranean through Ages*, Faculty of Archaeology, Cairo University, October 2014 **(in Arabic)**
52. **El Hadidi, N.**, Darwish, S.; Preliminary study on the different effects of consolidation treatments in heartwood and sapwood of a decayed gymnosperm wood, Egyptian Journal of Archaeological and Restoration Studies "EJARS", vol. 4, issue 1, (2014), 1-11
53. Darwish, S. S., **El Hadidi, N. M. N.**, Mansour, M.; The Effect of Fungal Decay on *Ficus sycomorus* Wood, International Journal of Conservation Science 4 (3): 271-282, 2013.
54. Hamed, S. A. M., Ali, M. F., **El Hadidi, N. M. N.**; Assessment of Commonly Used Cleaning Methods on The Anatomical Structure of Archaeological Wood, International Journal of Conservation Science, 4 (2) (2013), 153-160
55. Zidan, Y. E., **El Hadidi, N.M.N.**, Mansour, M.M.A., Abo Elgat, W. A.A.; Treatment and restoration of antique sword from Ottoman period (13<sup>th</sup> AH /19<sup>th</sup> AD century) at the National Military Museum - Saladin Citadel in Egypt, in 6<sup>th</sup> International Congress “Science and Technology for the safeguard of cultural heritage in the Mediterranean basin” Athens, Greece, 2013.
56. Hamed, S. A. M., Ali, M. F., **El Hadidi, N. M. N.**; Using SEM in monitoring changes in archaeological wood: A review, (chapter code: 92), in “*Current microscopy contributions to advances in science and technology*” (Microscopy Book Series), (2012), 1077-1084
57. Hamdy, R., **El Hadidi, N. M. N.**; Identification of Plant Materials used in the Coiled Basketry Collection at the Agricultural Museum (Giza, Egypt), in Fahmy, A.G., Kahlheber, S. & D'Andrea, A.C. (eds.); Windows on the African Past. Current Approaches to African Archaeobotany; Reports in African Archaeology Vol. 3, December, (2011), 137-151

58. **El Hadidi, N. M. N. & Hamdy, R.;** Basketry accessories: footwear, bags and fans in ancient Egypt, in *Journal of Archaeological Science* 38, <https://doi.org/10.1016/j.jas.2010.11.026> (2011), 1050-1061
59. Zidan, Y. E., **El Hadidi, N.M.N.**, Abo Elgat, W. A.A.: A study on the effect of iron rust on archaeological wood applied on the archaeological gun No. 7 / 14 at the Museum of Applied Arts, Helwan University, in 5<sup>th</sup> International Congress “Science and Technology for the safeguard of cultural heritage in the Mediterranean basin” Istanbul, 2011
60. Rifai, M. M. & **El Hadidi, N. M. N.;** Investigation and analysis of three gilded wood samples from the tomb of Tutankhamun, in: Dawson, J., Rozeik, C. & Wright, M.M. (eds.), *Decorated Surfaces on Ancient Egyptian Objects, Technology, Deterioration and Conservation*; Archetype Publications, (2010), 16-24
61. **El Hadidi, N. M. N. & Hamdy, R.;** Coiled Baskets from Deir El Medinah, (poster) in: Dawson, J., Rozeik, C. & Wright, M. M. (eds.), *Decorated Surfaces on Ancient Egyptian Objects, Technology, Deterioration and Conservation*; Archetype Publications, (2010), 171
62. **El Hadidi, N. M. N. & Hamdy, R.;** Basketry Accessories: Sandal, Shoes, Bags and Fans, in *Proceedings of the 1<sup>st</sup> International Conference on Ancient Egyptian Science*; Science Heritage Centre; Cairo; (2010), 227-245
63. Medhat, A., Zidan, Y. & **El Hadidi, N. M. N.;** Study on the use of Polymers in the treatment and Conservation of Historical Wood, COST Action IE0601, *Wood Science for Conservation of Cultural Heritage*, 2009
64. Crestini, C.; **El Hadidi, N. M. N.**, Palleschi, G.; Characterisation of archaeological wood: A case study on the deterioration of a coffin, *Microchemical Journal*, vol. 92 (2), <https://doi.org/10.1016/j.microc.2009.03.003>, (2009), 150-154
65. **El Hadidi, N. M. N & Darwish, S. S.;** Chemical Changes of Archaeological Wood, in *Chem.05 – Faculty of Science*; Cairo University, (2008)
66. Darwish, S. S. & **El Hadidi, N. M. N.;** The Effect of Solvents on the Chemical Composition of Archaeological Wood, in *Giza Through Ages, Studies in Conservation, Environment and Tourism*, Faculty of Archaeology - Cairo University; vol. 2, (2008), 85-100
67. **El Hadidi, N. M. N & Darwish, S. S.;** The use of acids and bases in cleaning archaeological wood, in *Giza Through Ages, Studies in Conservation, Environment and Tourism*, Faculty of Archaeology - Cairo University; vol. 2, (2008), 43-60
68. Zidan, Y., Handoussa, T., Hosni, H., **El Hadidi, N. M. N.;** The Conservation of a Wooden Graeco-Roman Coffin Box, *e-Preservation Science*, no.3, (2006), 27-33
69. **El Hadidi, N. M. N.;** The Cheops Boat – 50 Years Later, In: G. Tampone, ed. *Proceedings of the International Conference Conservation of Historic Wooden Structures*. Florence: Alter Ego Ing Arch S.r.L., vol. 1, Florence, Italy; (2005), 452-457
70. **El Hadidi, N. M. N.;** Presentation of the Faculty of Archaeology; in *Mediterranean Magazine (Special Edition)*, Italian – Egyptian Exploratory Experts Meeting, Egypt, 2004
71. **El Hadidi, N. M. N.;** 2g Wood: A Suitable amount of wood that can be taken from an archaeological artifact for analysis; in *Chem.03*, Cairo University, Egypt, 2004

### **Accepted Papers:**

- Elkhial, M. M. and **El Hadidi, N.M.N.**, An innovative simple technique to detect insect infestations in cultural objects through oxygen consumption measurement, Conservar Património
- **El Hadidi, N.M.N** and Fawzy, M. M, A Century of Conservation of Ancient Egyptian Wooden Coffins, Second Vatican Coffin Conference, Vatican Museums, 6 - 9 June 2017
- Badr, N.M., Ali, M.F., **El Hadidi, N.M.N**; The treatment of the Ptolemaic polychrome coffin lid of *smA- tAwy Son iaH- ms* from Abusir El-Meleq Second Vatican Coffin Conference, Vatican Museums, 6 - 9 June 2017

### **Work under review:**

- Reopening the golden doors of Tutankhamen's Innermost Shrine
- *The Lady with the Wooden Toe: the Archaeology of an Early Prosthetic Device from Ancient Egypt*, edited by A. Loprieno-Gnirs, with contributions by Pieter Baas, Alexander Barthelmie, Thomas Böni, Nesrin El Hadidi, Patrick Eppenberger, Stéphane Fetler, Rim Hamdy, Charlotte Hunkeler, Nadine Schönhütte, Matthias Müller, Erico Peintner, Frank Rühli, Lucy Skinner, André Veldmeijer, Caroline Vermeeren, and Noémi Villars, including illustrations by Martina Aeschlimann-Langer, photographs by Matjaž Kačičnik, 3D visualizations by Partrick Eppenberger and Stephan Unter, and a 3D animation by Selina Bächli.

### **Reviewed Papers:**

1. Research trends in nanotechnology applied to the conservation of wooden cultural heritage, *Maderas. Ciencia y tecnología* (2025)
2. Investigation and Conservation Processes of a Painted Wooden Coffin Base Excavated from the Eastern Side of Tebbet El-Gish at Saqqara, Egypt, *Journal of the General Union of Arab Archaeologists* (2024)
3. Investigation of methods to construct a practicable hypoxic environment to protect Japanese books from mold damage, *Heritage Science* (2024)
4. Deterioration mechanism of vegetable tanned leather revealed by proteomics and structural analysis, *Journal of Cultural Heritage* (2024)
5. The Effect of Iron Rust Stains on Historical Papers and Their Removal Using Different Cleaning Methods: A Review, *EJARS* (2024)
6. Revitalizing archaeological wood: revealing nanocellulose migration behavior and its positive contribution, *Heritage Science* (2024)
7. New Reading Using Non-Destructive CT analysis for evaluation of the Ancient Egyptian Mummification Technique Applied to the Mummy of Tjanefer, Dynasty 21, 3<sup>rd</sup> Intermediate Period, *EJARS* (2024)
8. The coffins of *Irwt*: An Archaeological and Restorative Study, *EJARS* (2024)
9. Physical prospective of polyamide 6 for the consolidation of fragile vegetable tanned Leather artifacts, *Journal of Cultural Heritage* (2024)
10. Analytical Techniques for Condition Assessment of Leather Binding of a Historical Manuscript from El-Azhar Al-Sharif Library, *EJCHEM* (2024)

11. Treatment and storage of Omani black velvet dress and flower-printed scarf, A case study, EJARS (2023)
12. Scientific Evaluation Using Histogram of Antifungal Treatment for Organic and Inorganic Objects, Applied on (Manuscript and Mural), JAH (2023) **(in Arabic)**
13. An analytical study of the paint layer of the chalice chairs' Icons from the 19<sup>th</sup> century AD in the Virgin Mary Church in Haret Zuweila – Cairo, LIJAS (2023) **(in Arabic)**
14. An analytical study of mutual damage between wood, textile, and paper in a heritage map of Upper Egypt, Archaeometry (2023)
15. A Comprehensive Overview of the Performance of Polyamide 6 in the Consolidation of Vegetable-Tanned Leathers, Journal of Cultural Heritage (2023)
16. A comparative study between the documentation stages of first Khufu boat at the end of the fifties and the international documentation rules for artifacts, EJARS (2023)
17. Fresh Observations on Ancient Maya Ceramic/Textile Composites: Technological, Contextual and Conceptual Reconsiderations, Archaeological Discovery (2023)
18. Analyses and conservation of a cow's skull dating back to the Greco-Roman period in Egypt, EJARS (2023)
19. Biodegradability of poly (ε-caprolactone) modified wood by decaying fungi, Journal of Polymers and the Environment, (2023)
20. A comprehensive study to examine and conserve a dyed linen artifact, EJARS (2023)
21. “Study on the feasibility of TG method on maximum water content measurement of waterlogged archaeological wood”, Studies in Conservation (2023)
22. “Insights into the Effect of UV-Radiation on Paintings: A Mini-Review for the Asset Preservation of Artworks”, Advanced Research in Conservation Science (2022)
23. “Examination and Analyses of a Painted Wooden Stela from Cairo Museum to highlight this type of wooden artifacts in the late period”, EJARS (2022)
24. “Rehabilitation of Heritage Villages for Urban Heritage Sustainability in Asir Region, Saudi Arabia”, Archaeological Discovery (2022)
25. An archaeological and anatomical study of wood used in wooden pallets - for archaeological columns, The Malti Mosque in Minia, JAH (2022) **(in Arabic)**
26. “Physiochemical Characterization of Coptic Jesus Christ Icon, Church of Saint Mercurius, Egypt”, Journal of the General Union of Arab Archaeologists (2022)
27. “Disinfection and sterilization of parts affected by biological and microbiological damage on the surface of the wooden pulpit at Al-Tanbagha Al-Mardani Mosque in Al-Darb Al-Ahmar - Egypt (case study)”, Journal of the General Union of Arab Archaeologists (2022) **(in Arabic)**
28. “Multidisciplinary approach for documentation of an Anthropoid Wooden Coffin from the Late Period in Egypt”, Advanced Research in Conservation Science (2022)
29. “Mould disease and prevention of ancient wooden structure in the Shahe Ancient Bridge site in Xi 'an, China”, Applied Microbiology and Biotechnology (2022)
30. “Evaluation of MMI/acrylate nanocomposite with hydroxyapatite as a novel paste for gaps filling of archaeological bones”, Journal of Cultural Heritage (2022)
31. “The method and application prospect of the scientific and technological identification of counterfeit antique jade”, Archaeological Discovery (2022)
32. “Evaluation of Nano Materials for Consolidation of Archaeological Bone: Part One (Nano Paraloid)” Advanced Research in Conservation Science (2021)

33. "The Damage Aspects of Some Wooden Heritage Collectibles and Treatment Methods" Journal of the Faculty of Archaeology, South Valley University (2021)
34. "The Effect of the Accelerated Laboratory Ageing Factors on linen textiles dyed with turmeric dye", Advanced Research in Conservation Science (2021)
35. "Evaluation of the Disparity Effect in the Amounts of Weathering Agents on the Archaeological Pine Wood *Pinus* sp", Archaeological Discovery (2021)
36. "Visualization, Documentation and Non-Destructive Investigation of an Ancient Egyptian Corn Mummy in a Falcon-shaped Wooden Coffin", Advanced Research in Conservation Science (2021)
37. "Evaluation of the effects of plasma in the removal of stains from cotton textiles: an experimental study" Journal of the Faculty of Archaeology, Cairo University (2020), **(in Arabic)**
38. "Manufacturing and Molding of wooden coffins in Ancient Egypt" Journal of the General Union of Arab Archaeologists (2020), **(in Arabic)**
39. "Scientific Methods for the treatment of Ibis Mummy's wooden coffin" EJARS (2020)
40. "Observations on insects' behavior in attacking wood" EJARS (2019)
41. "Damage caused by the Furniture beetle (*Anobium punctatum*) on cultural and historic hardwood types - Case study", Journal of the Faculty of Archaeology, South Valley University (2019)
42. "Evaluating physico chemical qualities of beeswax in selected districts of Kafa zone, Southern Nations Nationalities and Peoples Region (SNNPR), Ethiopia" World Research Journal of Agricultural Sciences, Premier Publishers (2019)
43. The use of Retannage (Retaining) Materials for the Treatment of Vegetable Tanned Leather: Article Review", Faculty of Letters Journal, Sohag University (2019)
44. "Conservation Processes of a Wooden Coffin Covered with Black Resin from Saqqara", Authenticity, Risks and Challenges, Faculty of Archaeology, Cairo University, 2<sup>nd</sup> – 4<sup>th</sup> December 2018
45. "Evaluation of the efficiency of a nanosponge carrying fine cleaning emulsions in cleaning deteriorated varnish layers from an inlaid jewelry box" Sixth International Conference of Archaeology and Heritage in Authenticity, Risks and Challenges, Faculty of Archaeology, Cairo University, 2<sup>nd</sup> – 4<sup>th</sup> December 2018, **(in Arabic)**
46. "Chemical Modification of Wood Cellulose Using Vinegar and Benzoic Acid against Termites Degradation" International Journal of Forestry and Wood, Premier Publishers (2018)
47. "Morpho-Cultural Identification of Decay Fungi in the Historic Baker Memorial Hall at the University of the Philippines Los Baños" The Philippine Agricultural (2017)

#### Reviewed Projects:

- 1- "Polychrome Wood: Archaeometric approaches for studying wooden coffins of Ancient Egypt and methodology of conservation" presented to the Academy of Scientific Research and Technology (2019)

#### Committees:

- 1- Selection Committee Egyptian Associate Research Scholar fellows at ARCE (2022)
- 2- Selection Committee Egyptian Associate Research Scholar fellows at ARCE (2023)

## **Accademic Supervision of Postgraduate Students:**

### **Supervision of Master Thesis**

1. **Abdel Rahman Medhat Mohamed Ibrahim**; (2011) "Study on the Use of Polymers in the Treatment and Conservation of Historical Wood – With the application on a Carriage at the Royal Carriage Museum" – (Faculty of Archaeology – Cairo University)
2. **Ahmed Abdrabou**; (2020) "Study on the effect of deterioration resulting from incorrect restorations of gilded wooden artifacts. Re-treatment and conservation – with application on one of King Tut Ankh Amens' bedsteads" – (Faculty of Archaeology – Cairo University)
3. **Ahmed Adel Abd El Sattar**; (2016) "Comparative Study on the Evaluation of Natural and Synthetic Consolidants Commonly used in the treatment of Local Angiosperm Wood With the application on a chosen object" – (Faculty of Archaeology – Cairo University)
4. **Alaa Salah**; (suspended) "An Experimental Study to Evaluate the Chemical Effect of Gel Cleaning systems for removal of Iron Rust from Archaeological Wood, with Application on a Selected Artifact"– (Faculty of Archaeology – Cairo University)
5. **Alia Adel Ahmed**; (ongoing) "Comparative study for the evaluation of adhesive strength of polymers used in the treatment and repair of polychrome wood, with the application on a chosen object from the Islamic Period."– (Faculty of Archaeology – Cairo University)
6. **Aliaa Khaled Mahmoud**; (suspended) "A Study of Technology, Conservation and Treatment of Antique Mats and Baskets with the Application on chosen objects" – (Faculty of Archaeology – Cairo University)
7. **Alyaa Mamdouh Mahmoud Abdel-Baky**; (ongoing) "Evaluating the efficacy of consolidants on microbiologically infested archaeological wood; an experimental study with the application on a chosen object"– (Faculty of Archaeology – Cairo University)
8. **Amira Othman**; (2023) "Evaluation of methods used in the sterilization of wooden artifacts and their effects on wood properties, with the application on two objects from the Pharaonic Period" – (Faculty of Archaeology – Cairo University)
9. **Amr Salah Abd El Hady Abd El Fatah**; (2016) "Study on the treatment and conservation of marquetry on wooden furniture, with the application on a chosen object" – (Faculty of Archaeology – Cairo University)
10. **Arig Mahmoud Abd El-Haseep Yousef Al-Maghraby**; (ongoing) "An applied scientific study for the Development of Wooden Artifacts' Showcases and Microclimatic Control Methods - With the Application on a Chosen Polychrome Wooden Object"
11. **Bedour Mohamed Mahmoud**; (ongoing) "A study on the effects of photo degradation on some wood types with the application on a chosen archaeological object"
12. **Dalia Ali El Zayat**; (2009) "Experimental and applied Study for restoration and conservation of archaeological wooden stained glass with application on the selected examples" – (Faculty of Archaeology – Cairo University)
13. **Doaa Mahmoud Hussein Hassan**; (suspended) "Experimental Study for the evaluation of some neutralizing materials used in the treatment of acidity in Archaeological wood applied on a selected wooden object" – (Faculty of Archaeology – Cairo University)
14. **Ebtehal Mahmoud Montasser**; (2014) "Stains that affect Archaeological Wood and Their Methods of Treatment" - (Faculty of Arts – Minia University)



15. **Elham Kareem Mohamed Nor El-din Mohamed;** (2016) "Experimental Study on some Chemical Changes of some Deteriorated Archaeological Wood Finishes and Evaluation of Chosen Methods of Treatment, with Application on a Selected Example" – (Faculty of Archaeology – Cairo University)
16. **Fatma Magdy Ali Ahmed;** (2015) "Study on the effect of manufacturing mistakes in the deterioration of Icons with the application on chosen objects" – (Faculty of Archaeology – Cairo University)
17. **Ghada Gamal Hashim Khair Allah;** (2021) "Study of the deteriorating effect for some of the previous consolidation materials and applications on the physical properties and chemical composition of archaeological wood and their treatment methods with the application on a chosen object"– (Faculty of Archaeology – Cairo University)
18. **Gihan Abdel Aziz Saied Abdel Aziz;** (ongoing) "Study on the Effect of Some Wood Properties on Blue Faience Inlays in Wooden Archaeological Artifacts and Their Proposed Methods of Treatment, With Application on a Chosen Object"
19. **Hanaa Ahmed Hassen;** (ongoing) "An evaluation study on loss compensation techniques in Gilded Wood, with the application on a chosen artifact in the Islamic Period"
20. **Heba Allah Saber Farghaly;** (2024) "Comparative Study on the Use of Some Nanopolymers in Consolidation and Protection of Archaeological Softwood (With application on a selected object)" – (Faculty of Archaeology – Cairo University)
21. **Heba Mohamed Osman;** (ongoing) "Experimental study for the evaluation of some adhesives used in reassembling mother-of-pearl inlays on copper - with the application on an object at the museum of Islamic art" – (Faculty of Archaeology – Cairo University)
22. **Hend Bayoumi Mohamed;** (2018) "Study on the chemical effect of some consolidants on soft archaeological wood - Application on one archaeological object" – (Faculty of Archaeology – Cairo University)
23. **Eman Abdel-monam Mahomoud Abdel-atty Allam,** (ongoing) "An Experimental and Applied Study to Evaluate the Efficiency of Protective Coating Materials on Composite Artifacts (wood-metal) with Application on a Chosen Object" – (Faculty of Archaeology – Cairo University)
24. **Kareem Ahmed Radi Amin;** (suspended) "Study on the effect of weathering with the application on the platform of "El-Yousufey" mosque and the door of "El- Askalany" mosque - Proposed methods of treatment and conservation" - (Faculty of Arts – Minia University)
25. **Kareem Mohamed El Sayed Ahmed;** (2018) "Experimental study on the evaluation of Nano-materials used in the treatment and conservation of microbiologically infested archaeological hardwoods (With the application on a selected object)" – (Faculty of Archaeology – Cairo University)
26. **Lenda Sharaf El Deen Mohamed Ibrahim** (2023) "An experimental study to evaluate the effect of natural oils in the treatment and conservation of some local hardwoods infested with various *Aspergillus* spp., with the application on a chosen object"– (Faculty of Archaeology – Cairo University)
27. **Mahmoud Sayed Mahmoud Ali;** (2011) "Mechanism of the deterioration of wooden lintels of the civil archaeological buildings of Isna City: An experimental study of the archaeological wood treatment and conservation" – (Faculty of Archaeology - South Valley University)

28. **Mai Mohamed Mahmoud;** (ongoing) "Study on the technology of wooden slippers (pattens) and the mutual decay between the different materials and their treatment, with the application on a chosen object at the Ethnographic Museum"
29. **Manar Hafez Ahmed Shawky;** (ongoing) "A study on the methods of treatment and conservation of inlaid wood "assembly method" – with the application on a chosen object"
30. **Manar Mohammed Abd El Aziz Ali El Khial;** (2019) "Study on some operational problems of Modified Inert Atmosphere and their Solutions Applied on a Selected Wooden Artifact"- (Faculty of Archaeology – Cairo University)
31. **Menna-Allah Abu Zeid;** (ongoing) "A study on the consolidation methods of Polychrome furniture with the application on a Chosen object from the 19<sup>th</sup> century"
32. **Mohamed Ahmed Ibrahim;** (suspended) "An Experimental study on the treatment and conservation of ancient chests made of plant related materials with application on of the selected objects" – (Faculty of Archaeology – Cairo University)
33. **Mohamed Galal Abd El-Aziz Shouman;** (ongoing) "A Study to Evaluate the Effectiveness of Antifungals According to a Designed Resistance Program for Treatment of Archaeological Wooden Artifacts with the Application on a Selected Object"
34. **Mohamed Rabie Mohamed Mustafa;** (2015) "Experimental study for the treatment and conservation of wooden compartments applied on a compartment - Omari mosque in Qus" – (Faculty of Archaeology – Cairo University)
35. **Mohamed Ragab Ibrahim;** (2019) "Study on the effect of change in pH values on the treatment of archaeological wood - (With the application on a selected object)" – (Faculty of Archaeology – Cairo University)
36. **Mona Mohammed Ibrahim Hassan;** (2023) "Using Digital Storytelling for Interpretation of Museum Exhibits Case Study Grand Egyptian Museum" – (Faculty of Tourism and Hotel Management, Helwan University)
37. **Mona Fathy Gawish;** (2024) "Experimental studies to assess Funori and its Derivatives and Its Applications in the Treatment of Cellulose Substrates Manuscripts( Physical and Chemical)" – (The Centre for Papyrological Studies and Inscriptions – Ain Shams University)
38. **Mostafa Maher Mostafa Sherif;** (2011) "A Comparative study on the conservation of wooden ceilings in Islamic monuments during the second half of the 20<sup>th</sup> century" – (Faculty of Archaeology – Cairo University)
39. **Mostafa Mahmoud Ahmed Hassan;** (2024) "Experimental study to evaluate the use of organic solvents and polymers in the treatment and maintenance of plywood with application on a selected object" – (Faculty of Archaeology – Cairo University)
40. **Naglaa Gomaa Hamed;** (2022) "Experimental study for evaluating the effects of some consolidation materials on baskets made from plant fibers, with the application on a selected object"- (Faculty of Archaeology – Cairo University)
41. **Noha Motaz Ahmed Ibrahim;** (suspended) "A Comparative study to assess decay of Local Hardwoods using stained wood sections and FTIR, with the application on a chosen object"
42. **Nohier Osama Bayomi Emam;** (ongoing) "The effect of chemical interchange due to different pH values in wood and Ancient Egyptian preparation layers - with the application on a selected object"– (Faculty of Archaeology – Cairo University)

43. **Nor Mohamed Badr**; (2013) "Study on Techniques of Painting and Gilding Layers on Mummy Masks, and Their Methods of Treatment and Conservation - with the Application on a Chosen Object" – (Faculty of Archaeology – Cairo University)
44. **Ola Mahmoud Mahmoud Younis**; (2016) "Study on the Effect of Salts on the Structure of Wood and Methods of Treatment with the Application on a Selected Object"- (Faculty of Archaeology – Cairo University)
45. **Omayma Ali Atteya Ebeid**; (2013) "Study on the evaluation of deterioration caused by inappropriate storage of Polychrome Wood (with the application on a chosen object)" – (Faculty of Archaeology – Cairo University)
46. **Ragab Badry Sewefy Morsy**; (ongoing) "A study on the treatment and conservation of archaeological and historical trees – with the application on the first and second generation of the tree of the Virgin Mary in Cairo"
47. **Samah Said Mohamed Barakat**; (suspended) "Experimental Study on Evaluating Enzymes Cleaning Effect on Chemical Composition of Archaeological Wood - With the application on a selected object" – (Faculty of Archaeology – Cairo University)
48. **Sara Mohamed Mostafa**; (ongoing) "A scientific study in simulating thermal ageing processes on wood with the application on archaeological wood"
49. **Seham Sahry Bershawy**; (2024) "Treatment and Conservation of the archaeological polychromed wood – Evaluation of the current state of preservation and the methods of treatment – An experimental and applied study" – (Faculty of Archaeology – Luxor University)
50. **Wael Abd El Basset**; (2010) "A Study on the effect of Iron Rust on Properties of Antique Wood with the Application of Conservation and Treatment on chosen objects" – (Faculty of Archaeology – Cairo University)"

### **Supervision of PhD**

1. **Adel Abd El Hameed**; (2019) "Study of Scientific Evidences used in the Detection of Forgery of Archaeological Wooden Coffins, with application on selected Authentic Objects in Terms of their Conservation"
2. **Amr Salah Abd El Hady Abd El Fatah**; (2024) "A comparative study to evaluate different adhesives used in the repair of marquetry wooden furniture with the application on a chosen object."
3. **Ebtehal Mahmoud Montasser**; (2022) "Study on old gap fillers and the risk of their removal, and the evaluation of new gap fillers."
4. **Elham Kareem Mohamed Nor El-din Mohamed**; (ongoing) "Study on the efficiency of light stabilizers in the protection of wood surfaces with the application on a selected object"
5. **Fatma Magdy Ali Ahmed**; (2023) "A scientific study to evaluate Coptic icons' alternative manufactured wooden supports with the application on a chosen object"
6. **Hend Bayoumi Mohamed**; (ongoing) "A Comparative Study to Evaluate the Use of Some Nanomaterials in the consolidation of Polychrome Archaeological Wood - Applied on Wooden Coffin at the Grand Egyptian Museum"
7. **Kareem Mohamed El Sayed Ahmed**; (2023) "Study on the damaging effects of some soft rot fungal genera on wood and evaluation of proposed treatment plan, with application on a chosen artifact"

8. **Mahmoud Hassn Mohammed Sallam**; (2024) "The effect of Hydroxypropylcellulose polymer (Klucel G) in treatment of archeological wood – An experimental and practical study with the application on a wooden coffin in Diabat magazine (Sohag) "– (Faculty of Archaeology – Sohag University)
9. **Mahmoud Sayed Mahmoud Ali**; (2014) "Evaluation of the role of consolidation materials in the treatment of some types of deteriorated archaeological wood - Applied study on chosen archaeological buildings in Upper Egypt" – (Faculty of Archaeology - South Valley University)
10. **Manar Mohammed Abd El Aziz Ali Elkhial**; (2022) "Optimization of the Efficacy of Modified Inert Atmosphere Fumigation for Insect Disinfestation: An Experimental Study with Application on a Selected Wooden Object"– (Faculty of Archaeology – Cairo University)
11. **Marwa Atef Mohamed Mohamed**; (2016) "Study of the Effect of Microbiological Damage, Pollutants and Salts on the Wooden Friezes of the Elasqallani Mosque in Malawi City and The Methods of Treatment" (Faculty of Arts – Minia University)
12. **Medhat Abd Allah Abd El Hamid**; (2014) "Evaluation of Gap Fillers used in the completion of Small Wooden Archaeological Artifacts, with the application on a chosen object" – (Faculty of Archaeology – Cairo University)
13. **Mohamed Rabie Mohamed Mustafa**; (2020) "Comparative study to evaluate recent trends in cleaning and consolidation of traditional and modern materials on archaeological wood, with the application on selected objects at Luxor Museum Storage"
14. **Mohamed Ragab Ibrahim**; (ongoing) "Experimental study to evaluate the use of Nanomaterials for the consolidation of mud plaster in yellow coffins with application on a selected object"
15. **Mostafa Maher Mostafa Sherif**; (2017) "Study of structural problems in wooden ceilings of Islamic archaeological buildings and their restoration techniques with application on a chosen ceiling" – (Faculty of Archaeology – Cairo University)
16. **Mourad Fawzy Mohamed**; (2016) "A comparative study on the effect of cleaning materials on the chemical composition and mechanical properties of damaged and undamaged wood with the application on chosen archaeological wood" – (Faculty of Archaeology – Cairo University)
17. **Naglaa Gomaa Hamed**; (ongoing) An experimental study to evaluate the efficiency of composite nanomaterials used in strengthening archaeological bouquets, garlands and sandals made of plant fibers, with application on a selected object
18. **Nor Mohamed Badr**; (2018) "Evaluation of the effect of some consolidation materials on different painted layers in Wooden Coffins covered with Composite Layers with application on a selected object" – (Faculty of Archaeology – Cairo University)
19. **Ola Mahmoud Mahmoud Younis**; (2023) "Evaluation on the effect of consolidation with cellulose based materials on the chemical composition and mechanical properties of archaeological wood with the application on a selected object"
20. **Omayma Ali Attaya Ebeid**; (2017) "Comparative study on the assessment of decay in archaeological wood excavated from different sandy environments. (With application on a selected object)" – (Faculty of Archaeology – Cairo University)

21. **Safa Abd El Kader Mohamed;** (2009) "Scientific Study of Anatomical Structure changes in Archaeological Deteriorated Wood and its Treatment, with the application on Selected Objects" – (Faculty of Archaeology – Cairo University)
22. **Shaimaa Mohamed Abbas Morsy;** (2024) "Methods used to remove modern varnishes applied on archaeological wood – with the application on a selected artifact" (Faculty of Fine Arts – Minia University)
23. **Wadea Botros Abd El Malek Botros;** (2015) "Scientific study of Reconstructing, Fixing and Restoring the Sanctuaries collection of wood paintings applied on the Angle Sanctuary of St Mina Monastery Fom El Khaleig" – (Faculty of Archaeology – Cairo University)
24. **Wael Abd El Basset;** (2016) "An experimental Study on the evaluation of the effect of microorganisms and nonferrous corrosion on archaeological wood, with the application on old weapons" – (Faculty of Archaeology – Cairo University)
25. **Youssef Akl;** (2017) "A study on the application of wood joints and adhesives - their influence on both wood deterioration and treatment - with the application on selected objects" – (Faculty of Archaeology – Cairo University)

#### **Refereed Thesis and Dissertations:**

1. **Mohamed Awad Abdel Kawy Awad,** (2024) “Experimental Study for the Evaluation of Plasma Cleaning Technique for Removal of Some Stains on Paper Manuscripts, Applied on a Selected Object” PhD (Faculty of Archeology – Luxor University)
2. **Walid Abdel Samad Mohamad Abdel Samad,** (2024) “Evaluation of Some Nano Complement Materials for Preparation Layers to Archaeological Colored Wood Applied to a Selected Object” MA - (Faculty of Archaeology – Fayoum University)
3. **Sherif Ezat Zaki Mosa,** (2024) “Evaluation of the Methods and Materials of completing the missing parts of wooden supports of medieval icons – applied on selected object” MA - (Faculty of Archaeology – Fayoum University)
4. **Mostafa Samir Abo El-Hassan Hassan,** (2024) “Evaluation of the Efficiency of some Nano-Materials used in the treatment of archaeological ethnographic materials “bone and ivory” Applied to some of the artifacts in Agricultural Museum in Cairo” PhD – (Faculty of Archaeology – Sohag University)
5. **Safia Mohamed Abdel Kader Mohamed,** (2023) “Using the modern techniques in cleaning the dome of Ahmed Ibn Toulon's masjid - A Comparative experimental study” MA – (Faculty of Archaeology – Sohag University)
6. **Mostafa Ismail Mostafa,** (2023) “Experimental study for evaluation of some materials and methods for collecting of separate parts of mummies with application on archaeological mummy” PhD – (Faculty of Archaeology – Cairo University)
7. **Tamer El Bastawesy El Metwaly El Bastawesy** (2022) “Experimental study to evaluate the efficiency of the use of nano-cellulose to strengthen paper manuscripts with application on a selected object” MA – (Faculty of Archaeology – Cairo University)
8. **Reham Shafik Galal Abo Bakr El Batran** (2022) “Experimental Study for the reinforcement of the miniature wooden archaeological models applied on a selected model” MA - (Faculty of Archaeology – Fayoum University)

9. **Abdelmoniem Mohamed Abdelmoniem** (2022) "Evaluation of the Effectiveness of the use of Nanomaterials and Cold Plasma in Conservation of Wooden Surfaces Covered with Black Resin and Colored Layers: An Applied Study on a Selected Model" PhD - (Faculty of Archaeology – Fayoum University)
10. **Dina Yehia Mahmoud Ahmed**; (2022) "A comparative experimental study to evaluate the effectiveness of some plant volatile oils and Nano chemical insecticides to control insect damage in archaeological textiles protein fabrics, with practical application on a selected object" PhD – (Faculty of Archaeology – Cairo University)
11. **Hasnaa Abdrabbo Mohamed Abdrabbo** (2022) "Comparative study between inorganic and composite nanomaterials usage to conserve the museum painted stuccoes (with application on a chosen object)" MA – (Faculty of Archaeology – Cairo University)
12. **Mohamed Bahy El – Dien El Behery** (2021) "Experimental study to evaluate using immobilized enzymes on nanometric particles in cleaning of wool textiles dyed with natural dyes applied on some selected objects" MA – (Faculty of Archaeology – Cairo University)
13. **Taghrid Abdel Hameed Mohamed** (2021) "European impact on the Ottoman style mosques and its benefit in interior design" PhD – (Faculty of Applied Arts – Helwan University)
14. **Gilan Mahmoud Gamal Mohamed Abdel Hade Sultan** (2021) "Evaluation and straightening of detachment methods of wooden oil paintings and transferring to alternative supports - Applied on chosen example" PhD – (Faculty of Archaeology – Cairo University)
15. **Elham Saleh Al-Sanabay** (2020) "Manufacture Techniques of paper manuscripts in Yemen and methods of conservation, treatment and display applied on selected models" PhD – (Faculty of Archaeology – Cairo University)
16. **Nadia Ali SenousyAbdulla** (2019) "Study the effect of the properties of the inlayed wooden artifacts on deterioration of inlayed materials in Ottoman period, and treatment and conservation methods, applied on selected object" MA - (Faculty of Archaeology – Fayoum University)
17. **Abdelmoniem Mohamed Abdelmoniem** (2019) "An experimental study for treatment and conservation of Archaeological wood covered with a layer of black resin, applied on one of selected models" MA - (Faculty of Archaeology – Fayoum University)
18. **Ibrahim Ali Ibrahim Elnaggar** (2019) "Experimental studies for the evaluation of the effectiveness of some materials and methods used for cleaning of historical paper manuscripts and leather book bindings with application on some selected objects" MA - (Faculty of Archaeology – Cairo University)
19. **Iman Badry Mosa Salim** (2018) "Experimental study to evaluate the effect of physico-chemical treatments on color fastness rates of some natural dyes and pigments on different cellulosic manuscripts with practical applications in the field" PhD – (Faculty of Archaeology – Cairo University)
20. **Safaa El-Shahat Rashed** (2018) "Study in measurement of the color difference of the dyed fibres with practical applications" PhD – (Faculty of Archaeology – Cairo University)

21. **Mostafa Ismail Mostafa**, (2018) "Experimental Study for evaluation of some materials and methods used to control increasing moisture in mummies with application on an archaeological mummy" MA – (Faculty of Archaeology – Cairo University)
22. **Hanan El Sayed El Arabi Ahmed Kira**, (2017) "Experimental Studies on the effect of some environments on bone properties and their methods of treatments with the application on some archaeological bones" MA – (Faculty of Archaeology – Cairo University)
23. **Sanagik Ibrahim Mostafa Mohamed Sherief**, (2016) "Construction Engineering systems and their impact on Interior Design Technology for Islamic Star-patterned plates"- MA – (Faculty of Applied Arts – Helwan University)
24. **Dina Yehia Mahmoud Ahmed**; (2016) "Preventive conservation to exhibit and store flat textile, with practical application on a selected object" MA – (Faculty of Archaeology – Cairo University)
25. **Al Sayeda Nafisah Ibrahim**; (2016) "Experimental studies for determination of some fungicides residues used to control the mycological degradation of historical parchment manuscripts and leather artifacts with application on a selected object" – PhD – (Faculty of Archaeology – Cairo University)
26. **Ibrahim Hamed Mohamed El-Kholy**; (2015) "A study on the inappropriate conditions for the use of enzymes in cleaning of natural dyed textiles - suggestions and solutions" – PhD– (Faculty of Archaeology – Cairo University)
27. **Neven Kamal Fahim**; (2015) "Experimental study on the deterioration effect of invisible light on archaeological textile applied on selected objects" – PhD – (Faculty of Archaeology – Cairo University)
28. **Fatma Abd Allaa Abd Elaziz Drea**; (2015) "Scientific study on cracks and craquelure phenomena in oil painting and the methods of restoration applied on one chosen painting"- MA – (Faculty of Archaeology – Cairo University)
29. **Shaimaa Mohamed Abbas Morsy**; (2015) "Study methods of exhibition, storage and transportation of organic artifacts" – MA – (Faculty of Fine Arts - Minia University)
30. **Al Sayed Diab Mohamed Salem**; (2014) "Conservation of Archaeological wooden columns with application on an Ottoman Mosque in Girga City" – MA Sohag University
31. **Hossam Ragab Ahmed Sleem**; (2013) "Study the relationship between technical analysis of painted layers on some organic supports and conservation methods as well as originality" – MA Sohag University
32. **Al Sayeda Nafisah Ibrahim**; (2012) "Experimental Study for the evaluation and modification of pastes used for gap-filling dented parchment manuscripts with application on an archaeological object" - MA – (Faculty of Archaeology – Cairo University)
33. **Dalia Ali Abd El Aal El Sayed**; (2012) "Study of the Techniques, Treatment and Conservation of Velvet Textiles Embroidered with Metal Threads, an application on Entrance Veil or Curtain from Ottoman Era" – MA – (Faculty of Archaeology – Cairo University)
34. **Mahmoud Sallam**; (2012) "Study in treatment and conservation of wooden statues in museum stores, applied study on an Old Kingdom wooden statue in Sohag museum stores" - MA Sohag University

35. **Khadiga Adam Toh;** (2012) "Application Study for Conservation and Restoration the wooden ceilings had been covered by colored canvas applied on palace of Prince Alin Aq El Nasery in Cairo City" – MA – (Faculty of Archaeology – Cairo University)
36. **Nagah Ragab Abu Saif Sayed;** (2011) "Study the technique, treatment and Conservation of Cartonnage in Graeco Roman Period with application on a selected model" – MA – (Faculty of Archaeology – Cairo University)
37. **Mourad Fawzy Mohamed;** (2011) "A Study on Relation between Swelling and Shrinking in wood and its chemical compounds, with the application on Treatment, and conservation of Archaeological Painted Wood" – MA – (Faculty of Archaeology – Cairo University)
38. **Yasmeen Mohamed Alm Eldin Fathy Elsid;** (2010) "Study of Treatment and Conservation of Oil Paintings on Wooden panels applied on a selected Oil Painting" – MA – (Faculty of Archaeology – Cairo University)



## **Girl Guiding:**



- ☐ Nominations committee member at the 22<sup>nd</sup> Arab Regional Conference for Girl Guides in Republic of Tunisia (September 2019)
- ☐ Nominations committee member at the 21<sup>st</sup> Arab Regional Conference for Girl Guides in Qatar (September 2016)
- ☐ Participated in the Conference “Vision and Strategy of Egyptian Scouting” – Cairo (May 2015)
- ☐ Member of WAGGGS Nominations Committee (2013-2020)
- ☐ Head of the official Delegation of the Egyptian Girl Guides Association at the 20<sup>th</sup> Arab Regional Conference for Girl Guides in Sultanate of Oman (August 2013)
- ☐ Participated in the WAGGGS Prototype e-learning course (March 2012)
- ☐ Planning team member at Joint Asia Pacific-Arab TOT organized by WAGGGS in Kuala Lumpur (November 2011)
- ☐ International Commissioner of Egyptian Girl Guides at the Egyptian Federation of Girl Guides and Girl Scouts - August 2010 – December 2014
- ☐ Advisor of the Ranger Committee - Faculty of Archaeology 2004-2011
- ☐ Attended the 42<sup>nd</sup> Arab Regional Girl Guide Meeting, Cairo (February 2007)
- ☐ Vice Chairman of the Arab Committee at WAGGGS (from November 2006 - May 2007)
- ☐ Member of the Arab Committee at WAGGGS 2004 -2007
- ☐ Trainer at the "WAGGGS Arab African Youth Forum" Cairo (September 2006)
- ☐ Attended the 41<sup>st</sup> Arab Regional Girl Guide Meeting, Beirut (March 2006)
- ☐ Trainer at the "Iraqi Leaders Training" Cairo (February 2006)
- ☐ Trainer at the Arab Training for "Training Commissioners", Cairo (November 2005)
- ☐ Member of the planning team for training Iraqi Guide and Scout Leaders, Cairo (April 2005)
- ☐ Attended the 40<sup>th</sup> Arab Regional Girl Guide Meeting, Cairo (February 2005)
- ☐ Member of Juliette Low Planning team for January 2005 seminar at Pax Lodge, London (January 2005)
- ☐ Participant at WAGGGS roundtable discussion on WAGGGS Quota (London – January 2005)
- ☐ Member of the Egyptian Delegation at the 17<sup>th</sup> Arab Conference for Girl Guides and Girl Scouts, June 2004, Sultanate of Oman. Elected as Arab Committee Member for the triennium 2004-2007
- ☐ International Trainer at WAGGGS
- ☐ Member of the Egyptian Delegation at the 31<sup>st</sup> WAGGGS World Conference, June 2002, Manila, Philippines
- ☐ Checked the final version of the WAGGGS Spiritual Dimension Kit, London, May 2000.
- ☐ Represented Egyptian Youth NGO's at the UN Africa Youth Forum, Addis Ababa, April 2000.
- ☐ Referee of the WAGGGS Olave Award 1999

- Honorary Associate at WAGGGS since July 1996
- Member of the organizing committee of the 14th Arab Camp in Egypt 1997
- Attended the “Round table discussion on women’s reproductive health”, London 1995, representing the Arab Region
- Attended the Youth Consultation of the International Conference on Population and Development (ICPD), Cairo 1994, as a WAGGGS representative
- Attended the ICPD, Cairo 1994, as a WAGGGS representative
- Member of the organizing committee of the international guide camp “Peace for All”, Egypt 1994
- Member of the World Youth Committee (representing the Arab Region) at the World Association of Girl Guides and Girl Scouts (WAGGGS) from July 1993- July 1996
- International Commissioner for Girl Guides at the "Egyptian Federation for Boy Scouts and Girl Guides" and at the "Egyptian Girl Guides Association" (February 1994-September 2001)
- Member of Board at the Egyptian Girl Guides Association (September 1993- September 2001)
- Assistant of International Commissioner at the Egyptian Girl Guides Association from 1989-1993
- Girl Guide since 1986
- Short visits to Liechtenstein (1987), Morocco (1988), USA (1989), Great Britain (1993, 94, 95, 2000, 2004, 2005, 2014); Denmark (1997), Philippines (2002), Sultanate of Oman (2004, 2013) representing the Egyptian Girl Guides Association.