

INTERNATIONAL CONFERENCE
**CONSERVING AND RESTORING
ARCHAEOLOGICAL WOODEN HERITAGE
IN EGYPT AND SUDAN**
STATE OF RESEARCH, CHALLENGES AND PERSPECTIVES

PROGRAMME
26, 27, 28 SEPTEMBER 2022
CAIRO, IFAO

ORGANISED BY
GERSANDE ESCHENBRENNER DIEMER
ISLAM EZZAT

SCIENTIFIC COMMITTEE
PROF. DR. NESRIN M. N. EL HADIDI (CONSERVATION DEPARTMENT-
FACULTY OF ARCHEOLOGY – CAIRO UNIVERSITY)
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FELLOW- THE FITZWILLIAM MUSEUM EGYPTIAN COFFINS PROJECT)

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Cairo 26, 27, 28 Septembre 2022
Institut Français d'Archéologie Orientale du Caire

Organised By

Gersande Eschenbrenner Diemer (Université d'Alcalá de Henares/ArScAn)
& Islam Ezzat (IFAO/ University of Ain Shams)

DAY 1

9H30

Participants welcoming
Welcoming speech by Mr. Laurent Coulon, Director of the
French Institute for Oriental Archaeology

INTRODUCTORY SPEECHES

10H10

Pr. Mamdouh Eldamaty, Professor of Archaeology and former
Minister of Antiquities

10H15

Mr. Moamen Othman, Head of Museums Sector, Ministry of
Tourism and Antiquities

10H20

G. Eschenbrenner Diemer (Université d'Alcalá de Henares/
ArScAn)

SESSION 1: Conservation of objects in the museums of Egypt and Sudan

- 10H30** Key Lecture. (French to Arabic translation) I. Ezzat (Pôle Archéométrie, Institut Français d'Archéologie Orientale du Caire, University of Ain Shams), A. Quiles (Institut Français d'Archéologie Orientale du Caire), C. Ragazzoli (Université Paris Sorbonne, Paris IV), E. Mahmoud (Institut Français d'Archéologie Orientale du Caire), A. Mohammed (Institut Français d'Archéologie Orientale du Caire), M. Abdelrahman (Ministère du Tourisme et des Antiquités-MoTA), A. Medhat (Ministère du Tourisme et des Antiquités-MoTA), M. Ragab (Ministère du Tourisme et des Antiquités-MoTA), I. Abdelmaqsoud (Ministère du Tourisme et des Antiquités-MoTA), Pr. R. Samir Hamdy (Faculté des Sciences, Université du Caire), M. Afify (Institut National des normes et de la technologie-NIST, Le Caire) : Les panneaux en bois de Maštaba de Hesyré : vers l'approche intégrative de l'étude archéométrique et l'intervention verte de la conservation.
- 11H00** Ahmed Abdrabou (Wood Conservation Lab, Grand Egyptian Museum- Conservation Center): A Multispectral Imaging Approach Integrated into the Study of an ancient Egyptian Decorated Wooden Artefact
- 11H30-12H00** Coffee break
- 12H00** Moamen Othman (Head of Museum sector, MoTA), Eid Mertah (Egyptian Museum Cairo, MoTA) M. AbdelRahman Head of Scientific Research -Project sector- MoTA), A. Ismail (Egyptian Museum Cairo, MoTA), M. Ibrahim (Egyptian Museum Cairo, MoTA), A. Abd El Aziz (Egyptian Museum Cairo, MoTA), I. Salah (Egyptian Museum Cairo, MoTA) : A crocodile skin attached to a coffin's painted layer. A problematic study case of conservation of an Egyptian polychrome wooden anthropoid coffin

12H30	Nour Mohamed Badr (Wood Conservation Lab., the Grand Egyptian Museum- Conservation Center- MoTA), Mona Fouad Ali Conservation Department- Faculty of Archaeology – Cairo University, Nesrin M.N. El Hadidi Conservation Department- Faculty of Archaeology – Cairo University: Challenges in the Conservation of a wooden coffin lid covered with Composite Layers dating back to the Ptolemaic Period in Egypt
13H00-14H30	Lunch
14H30	Moamen Othman (Head of Museum sector- MoTA), Abd El Rahman Medhat (Egyptian Museum Cairo, MoTA), Eid Mertah (Egyptian Museum Cairo, MoTA), Mohamed AbdelRahman (Head of Scientific Research -Project sector- MoTA) : Ancient Egyptian a Female Painted Wooden Statue, Egyptian Museum, JE 51738: An Archaeometric Study and Current State-of-the Art in Conservation
15H00	Medhat Abdallah (Storerooms Conservation Administration, Saqqara, Giza, Egypt), Ahmed Abdrabou Wood Conservation Lab. Conservation Center, the Grand Egyptian Museum, Ali Hussein, Hassan Mohamed Registration and storerooms administration, the Grand Egyptian Museum), Mohamed Abd Elkader Wood Conservation Lab. Conservation Center, the Grand Egyptian Museum), Hussein M. Kamal Wood Conservation Lab. Conservation Center, the Grand Egyptian Museum): Collaborative approach in Re-discovery and assembly of a royal vaulted wooden box from king Tutankhamun's collection through archaeological and scientific evidences
15H30-16H00	Coffee break

16H00	Mohamed Moustafa (Wood Conservation Lab., Grand Egyptian Museum- Conservation Center), Gilan Mahmoud (Wood Conservation Lab., Grand Egyptian Museum- Conservation Center), Ahmed Abdrabou (Wood Conservation Lab., Grand Egyptian Museum- Conservation Center), Samar Fawzy (Wood Conservation Lab., Grand Egyptian Museum- Conservation Center), Hassan Mohamed (Director of Tutankhamun collection, the Grand Egyptian Museum), Hussein M. Kamal (General director of conservation affairs, the Grand Egyptian Museum: A Multi-Analytical Investigation of Materials and Previous Conservation interventions used in Tutankamun's painted wooden bed
16H30	Khadija Adam Toh Moalem (Adam Shearman, Inc.): Applications in the Study of the Restoration and Maintenance of a Wooden Ceiling covered with a Layer of Colored Canvas at the Palace of Prince Alain Aq Al-Nasiri Al-Hosami in Cairo
17H00	Discussions
19H00	Dinner for speakers (IFAO garden)

DAY 2

SESSION 2: Conservation challenges and solutions applied to the Egyptian field

10H00	Online (Spanish to English translation) Pía Rodríguez Frade (Djehuty Project): The Spanish mission to Dra Abu El Naga: options for action on wooden furniture and its various problems
10H45	Online (Spanish to English translation) Teresa Lopez-Obregon Silvestre (Qubbet el-Hawa Project-University of Jaén): Techniques and Products used in the Conservation and Restoration of Wooden Objects at Qubbet el-Hawa
12H00	Marie Peterková Hlouchová (Charles University, Pragues) Preservation and Consolidation of the Wooden Coffin of Lady Setib (Exc. No. 107/AS79/2015) at Abusir South: a Case Study
12H30	Discussions
13H00-14H30	Lunch

- 14H30** Mohamed Y. Sedikk-Ahmed I. Manci (MUST University):
The Conservation of Wooden Statues covered with Gesso
Layers excavated from Saqqara, Egypt
- 15H00** Abdelmoniem M. Abdelmoniem (Conservation
Department, Faculty of Archaeology, Fayum University),
Naglaa Mahmoud (Conservation Department, Faculty
of Archaeology, Fayum University), Saleh Mohamed
(Conservation Department, Faculty of Archaeology,
Fayum University), Mostafa Ahmed Abdel-fatah (Assistant
Secretary-General for Restoration Affairs – MoTA), A.M.
Omar (Grand Egyptian Museum- Conservation Center),
Nahed Waly (Professor of Plant Taxonomy and Flora,
Botany and Microbiology Department, Faculty of Science,
Cairo University), R. Hamdy (Professor of Plant Taxonomy
and Flora, Botany and Microbiology Department, Faculty
of Science, Cairo University): Conservation Processes of
a Wooden Coffin Covered with a Black Resin Layer and
Colored Materials in Dahshur Archaeological Area
- 15H30-16H00** Coffee break
- 16H00** Online (French to Arabic translation) Olivier Berger
(Institut Européen d'Archéologie Sous-Marine - IEASM)
Conservation des objets organiques issus du milieu marin.
Fouilles sous-marines à Alexandrie et en baie d'Aboukir
- 16H45** Discussions
- 18H00** Key Lecture. Mr. Mohamed Rabie (Institute for the
Restauration and Conservation of Antiquities, Luxor) Climate
change and its impact on archaeological wood holdings
(proposals and solutions)
- 19H00** Dinner for speakers (IFAO garden)

DAY 3

SESSION 3: Experimental techniques applied to wood

10H30	Alia O. Abdel Monem, Mohamed A. Hassan. Ali M. Sayed, Sherouk S. Ali, Mourad F. Mohamed (Conservation Department - Faculty of Archaeology - Cairo University): Improving the Properties of Cellulose Derivative in Wood Consolidation by Nano Hydroxy Apatite
11H00	Marina H, Keleny, Mariam N. Fawzy, Martha N. Fawzy, Mariam A. Eid, Mourad F. Mohamed (Conservation Department - Faculty of Archaeology - Cairo University): Evaluation of Nano Core Shell of Calcium Hydroxide with Titanium oxide, zinc Oxide and Silver Oxide in Wood Deacidification and antifungal
11H30-12H00	Coffee break
12H00	Ella Andrews (The Fitzwilliam Museum, University of Cambridge- University College of London): Consolidating with Nanomaterials: a Technical Investigation of the Effectiveness of Cellulose Nanocrystals compared to Hydroxypropyl Cellulose as a Consolidant on Egyptian Polychrome Coffins
12H30	Nora W. Fathi, Mayar M. Ahmed, Fatima M. Abdel Latif, Shaima A. W. Mohamed, Nora W. Fathi, Abeer S. Mansour, Mourad F. Mohamed (Conservation Department - Faculty of Archaeology - Cairo University): Evaluation of the use of nano silver, nano titanium oxide and nano zinc oxide in the fungicide of outdoor wood
13h00	Key Lecture. Prof. Dr. Nesrin M.N. El Hadidi (Conservation Department- Faculty of Archaeology – Cairo University): Variables in Wood Conservation
13H30-14H30	Lunch
14H30-15H00	Poster session

SESSION 4: Preparation for the publication of the Woods Restoration Protocol. Exchanges and discussions

1500H-16H00	Groups sessions
16H00-16H30	Coffee break
16H30-17H30	Final discussions
17H30	G. Eschenbrenner Diemer (University of Alcalá de Henares/ ArScAn): General conclusions
19H00	Final reception (IFAO garden)

