

CURRICULUM VITAE

HUSSEIN HASSAN MAREY H. MAHMOUD

Date & Place of birth: 27/1/1979, Qena–Egypt.

Nationality: Egyptian.

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Language Ability: Arabic (mother tongue), English & Greek.

Certificates:

- 1996 Secondary school certificate.
- 2000 B.A in Conservation and Restoration of Antiquities, Department of Conservation, Faculty of Archaeology, Cairo University, with grade "very good with honor".
- 2001 Preliminary year for Master degree.
- 2005 M.A in Conservation & Restoration of mural paintings, Conservation Dept., Faculty of Archaeology, Cairo University with grade "Excellent".
- 2009 PhD, Interdepartmental Postgraduate Programme on Protection, Conservation and Restoration of Cultural Heritage, Faculty of Engineering, Aristotle University of Thessaloniki, Greece, with grade "Excellent".

Work experience:

- 2001-2005 Demonstrator, Department of conservation, Faculty of Archaeology, Cairo University; teaching courses of conservation of mural paintings and decorated objects for under and postgraduates students.
- 2005-2009 Assistant lecturer, Department of conservation Faculty of Archaeology, Cairo University.

Filed Activities:

- 2000-2001 Restoration project of the decorated wooden ceilings of El-Ghuri mosque, Old Cairo.
- 2002-2004 Restoration of the archaeological wall paintings of two Pharaonic tombs (TT277&278), Qurnet Murai, Western Luxor, Upper Egypt in cooperation with the Higher Supreme of Antiquities.

- May 2005 Restoration of the archaeological finds of wall paintings, Excavations of Cairo University at Saqqara area.
- July 2009 Restoration of the archaeological painted fragments discovered at the excavations of Akroteri, ancient Thera, Santorini Island, Greece.

Courses & Scholarships:

- 2001 Course of modern ways for displaying museum objects, organized by ICOM at the Nubian museum at Aswan.
- 2002 Course for TOEFL organized by the department of foreign languages, Faculty of Arts, Cairo University and the AMIDEAST center in Cairo.
- 2004 Course for computer skills, organized by the Universities Egyptian network, Cairo University.
- 2004 Course on Career behaviors organized by Cairo University.
- 2005 The Short Advanced Intensive Course on Conservation of Cultural Heritage, (May 29- June 2), organized by CNR (Italy), National Research Academy (Egypt), Faculty of Engineering and the Faculty of Archaeology, Cairo University, Egypt.
- 2005 Course of Modern Greek language, School of Modern Greek language, Aristotle University of Thessaloniki, Greece.
- 2009 "GRIPHOS" summer project course, the wall paintings of Thera, Santorini Island, Greece, 5-10 July.
- 2009 3rd Residential Summer School on Conservation Science, Chemical Sciences in Cultural Heritage Preservation, Intensive Programme, organized by the Euro Mediterranean Cooperation in Research and Education, Chemistry and Culture and the working group on chemistry and cultural heritage, European Chemistry Thematic Network, European Commission, Department of Chemistry, Aristotle University of Thessaloniki July 19 to 31.
- 2009 Testing English for Specific Purposes in Science (TESPIS), "Conservation Science", the Euro Mediterranean Cooperation in Research and Education.
- 2009 EChemTest on Cultural Heritage Preservation, developed by the European Chemistry Thematic Network (ECTN) Association.
- 2005-2009 Scholarship for PhD study, State Scholarships Foundation (IKY), Greece.
- 2009 Course of Quality Standards in Teaching, Faculty and Leadership Development Center (FLDC), Cairo University.
- 2009 Course of Research Team Management, Faculty and Leadership Development Center (FLDC), Cairo University.

✚ Conferences Activities:

- 2005 The 1st Conference of the Development and Preservation of Cites and Cultural, Tourist Sites, Luxor, Egypt, May 3–6.
- 2006 5th Aegean Analytical Chemistry Days (AACD), Thessaloniki, Greece, October 3–8.
- 2008 The 1st conference of Faculty of Archaeology, Cairo University (Giza through ages), Cairo, Egypt, March 3–6.
- 2008 37th International symposium of Archaeometry, Siena, Italy, May 12–16.
- 2008 14th European Microscopy Congress, Aachen, Germany, September 1–5.
- 2009 4th International Congress "Science and Technology for the Safeguard of Cultural Heritage of the Mediterranean Basin" Cairo, Egypt, December 6–8.

✚ Publications and Research:

- 1- Hussein H. Mahmoud.**, Scientific evaluation of treatment strategy of painted plaster layers applied on stone supports–applied on one of the New Kingdom Nobles tombs–Western bank, Luxor, M.A. thesis, Department of conservation, Faculty of Archaeology, Cairo University, **2005**, with grade "Excellent".
- 2- Hussein H. Mahmoud.**, Study of the chromatic changes of the ancient pigments in some wall paintings in Egypt and the procedures of conservation, PhD. thesis, Faculty of Engineering, Postgraduate Interdepartmental Program on: Protection, Conservation & Restoration of Cultural Monuments, Aristotle University of Thessaloniki, Greece, **2009**, with grade "Excellent".
- 3- Hussein H.M. Mahmoud.**, The modern methods to preserve the mural paintings of the tombs of western Luxor, The first conference of the development and preservation of cites and cultural, tourist sites, Luxor, Egypt, May 3–6, **2005**.
- 4- Hussein H. Mahmoud.**, Analytical characterization of some ancient Egyptian wall paintings with remarks on degradation patterns and methods of conservation, The 5th Aegean Analytical Chemistry Days (AACD), Thessaloniki, Greece, October 3–8, **2006**.
- 5- Hussein H.M. Mahmoud.**, Mona F, Ali., N. Kantiranis., A.N Anthemidis and John A. Stratis., Identification of some ancient Egyptian pigments in painted limestone block from Cairo University excavations at Saqqara area, The first conference of faculty of Archaeology, Cairo University (Giza through ages), Cairo, Egypt, March 3–6, **2008**.

- 6- **Hussein H.M. Mahmoud.**, N. Kantiranis and John A. Stratis., Mineralogical characterization of the weathering crusts covering the archaeological wall paintings of Karnak complex temples, The 37th International symposium of Archaeometry, Siena, Italy, May 12–16, **2008**, accepted as a chapter in an e-book published by Springer.
- 7- **Hussein H.M. Mahmoud.**, N. Kantiranis and John A. Stratis., E.Pavlidou., Analytical characterization of Roman age over-paintings of Luxor temple, Upper Egypt, The 37th International symposium of Archaeometry, Siena , Italy, May 12–16, **2008**, accepted as a chapter in an e-book published by Springer.
- 8- E. Pavlidou, **H. Marey Mahmoud**, E. Roumeli, F. Zorba, K.M. Paraskevopoulos and M.F. Ali., Identifying pigments in the temple of Seti I in Abydos (Egypt)., 14th European Microscopy Congress, Aachen, Germany, September 1–5, **2008**, Volume 2: Materials Science, Editors: Richter, S and Schwe., Springer-Verlag Berlin Heidelberg, pp.829–830.
- 9- **Hussein Hassan M. Mahmoud.**, N. Kantiranis and John A. Stratis., Scientific examination of the state of conservation of the painted ceilings of the mortuary temple of Seti I, western Luxor, 4th International Congress "Science and Technology for the Safeguard of Cultural Heritage of the Mediterranean Basin" Cairo, Egypt, December 6–8, **2009**.
- 10- **Hussein Hassan M. Mahmoud.**, Nikolaos A. Kantiranis., Mona Fouad Ali Abdelghany and John A. Stratis., Diagnosis the chromatic alterations of wall paintings of the festival hall of Tuthmosis III, Karnak temples complex, under publication.
- 11- **Hussein Hassan M. Mahmoud.**, Examination of some inorganic pigments and plaster layers from excavations at Saqqara area, Egypt: Optical microscopy and SEM-EDS microanalysis, accepted for publication in e-conservation Magazine.
- 12- **Hussein Hassan M. Mahmoud.**, Mineralogical and spectroscopic characterization of some weathering products from the tomb of *NAKHT-DJEHUTY* (TT189), Western Thebes, Upper Egypt, under publication.

Areas of interest:

- Application of modern analytical techniques (μ -XRF, μ -Raman and μ -FTIR spectroscopy,.....) in the field of analysis and diagnosis of mural paintings.
- Nanotechnology for conservation of cultural heritage.