

✚ List of 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 37<sup>th</sup> 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., Examination of some inorganic pigments and plaster layers from excavations at Saqqara area, Egypt: Optical microscopy and SEM-EDS microanalysis, e-conservation Magazine, issue 12, 2009.
- 11- 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.
- 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.