



SYMPOSIUM ACTIVITIES

DECODING THE PAST

The Second International Symposium on "Biotechnology Applications and Archaeoastronomy Fields"

"Studies In Archaeological And Heritage Sciences Of Ancient Civilizations Between Encryption And Decryption"

The Faculty Of Biotechnology - MSA University in cooperation with the Union Of Egyptian Archaeologists and other Partners From The International Society are honored to invite you all to attend and participate in Decoding The Past/ The Second International Symposium On Biotechnology Applications And Archaeoastronomy Fields/ Studies In Archaeological And Heritage Sciences Of Ancient Civilizations Between Encryption And Decryption, which will be held in the Campus Of MSA University On February 13-14, 2024.

DECODING THE ANCIENT, the Second International Symposium is designed to showcase state of the art applications in fields of Biotechnology applications and Archaeoastronomy fields and what is associated with Biomolecular applications in the fields of Archaeology and Heritage sciences of ancient civilizations between Encryption and Decryption, Paleopathology, Paleogenomics (Ancient DNA), Isotopes, Paleoproteomics, Bioinformatics, Nanotechnology, Microbiology, Anthropology, Biomedicine, Molecular Science, and related Scientific Fields, allowing for the collaboration across multidisciplinary platforms by high caliber international experts. The symposium will be delivered by national and international keynote as well as featured speakers. With sponsorship and presence of **Prof. Dr. Ayman Diab**, Dean of the Faculty of Biotechnology, MSA University, and **Prof. Dr. Ayman Waziry**, The General Representative of the Founders of the Union of Egyptian Archaeologists Regionally and Internationally, Professor and Head of the Department of Egyptology- Faculty of Archaeology - Fayoum University- Egypt.



The Organizing Committee is elated to announce the cooperation with the Union of Egyptian Archaeologists and other Partners from the International Society to engage and exchange knowledge with Egyptian Universities and Scientific Research Centers in various fields e.g.; Biotechnology applications and Archaeoastronomy fields and what is associated with Biomolecular applications in the fields of Archaeology and Heritage sciences of ancient civilizations between Encryption and Decryption, Paleopathology, Paleogenomics (Ancient DNA), Isotopes, Paleoproteomics, Bioinformatics, Nanotechnology, Microbiology, Anthropology, Biomedicine, Molecular Science, and related Scientific Fields.

Highly Influential Scientists who catapulted the field of archaeology forward will be celebrated on the margin of the day of **DECODING THE ANCIENT** of the Second International Symposium on "Biotechnology Applications and Archaeoastronomy Fields "

The Faculty Of Biotechnology, MSA University in cooperation with the **Union of Egyptian Archaeologists** and other Partners are honored to invite you all to attend and participate in the **2^{ED} INTERNATIONAL SYMPOSIUM ON DECODING THE ANCIENT TIMES .** **BE READY, STEADY AND TOGETHER** will go to uncover the mysterious matters and reveal secret issues of the past times and ancient civilizations!

Attending And Participating in symposium is completely free of charge and online certificates of attendance will be sent on email. Registration will be available on campus from 8:30 am till 9:00 am on February 13-14, 2024.

We Invite You All to uncover the mysterious matters and reveal secret issues of the past times and ancient civilizations !

This Will Be Done By registering through the following;

raazab@msa.edu.eg

raniamomtaz@niles.edu.eg

egyption.archaeologists.union@gmail.com

aah00@fayoum.edu.eg

Or Through the Following Links:

<https://surveyheart.com/form/6583331a651e653cc70e2d58>

<https://www.facebook.com/info.unioegypt>

On the sidelines of the international symposium, it will be held

✓ **متحف الآلات الموسيقية الفرعونية**

✓ **Museum of Pharaonic Musical Instruments**

ما يزيد عن ١٢ آلة فرعونية بالاسماء الهيروغليفية ومكان تواجدها واهميتها
برعاية اتحاد الأثريين المصريين

More than 12 Pharaonic instruments with hieroglyphic names, their location, and their importance, Sponsored by the Egyptian Archaeologists Union



✓ **معرض إتحاد الأثريين المصريين للتراث الفني**

✓ **Exhibition of Egyptian Archaeologists Union
for Artistic Heritage**

حرف تقليدية ومنتجات من التراث المصري برعاية إتحاد الأثريين المصريين
Traditional crafts and products from the Egyptian Heritage,
Sponsored by the Egyptian Archaeologists Union



✓ **معرض للوحات والأعمال الفنية (الفنون والمعاصرة)**

✓ **Exhibition of Paintings and Artworks
(Contemporary Arts)**

معرض للوحات والأعمال الفنية ل نخبة من الفنانين المصريين برعاية اتحاد الأثريين المصريين
Paintings and artwork by elite Egyptian artists, Sponsored by
the Egyptian Archaeologists Union

SYMPOSIUM ACTIVITIES

REGISTRATION		8-9
OPENING CEREMONY		9:15
DEAN'S SPEECH		9:15-10:00
Prof. Frank Ruhli	Biomedical investigations of Ancient Egyptian mummies and skeletons: Insights from Swiss-Egyptian collaborations"	10-10:45 (45 Min.)
Prof. Yihya Gad Emer. Prof. of Molecular Genetics, National Research Centre and Scientific Supervisor of the ancient DNA lab, National Museum of Egyptian Civilization	Ancient DNA analysis of Egyptian human remains: metagenomic analysis and targeted approaches	10:45-11:30 (45 Min.)
Prof. Aymn Waziry The General Representative of the Founders of the Union of Egyptian Archaeologists Regionally / Internationally, Professor and Head of the Department of Egyptology- Faculty of Archaeology - Fayoum University- Egypt	Time between Timing and Horology "The Velocity of Light in Ancient Egypt in light of Archaeological Evidence and Astronomical Proofs"	11:30 -12 (30 Min.)
<u>COFFEE BREAK</u>		12-12:30
Prof. Dr. Khairy Al-Malat Pioneer of the Revival of Pharaonic Music and Professor of Music Sciences, Faculty of Music Education - Helwan University- Egypt.	Music and Ancient Egyptian Society In light of the Museum of Pharaonic Musical Instruments	12:30-1:00 (30 Min.)
Prof. Ali Abdel Halim Director General of the Egyptian Museum in Tahrir - Cairo - Egypt.	The Egyptian Museum of Cairo "A Mother Museum"	1:00-1:20 (20 Min.)
Dr. Khaled Abu Al-Hamad The Director General of Alexandria Antiquities - Ministry of Tourism and	The Most Important Archaeological Discoveries in Alexandria In light of the Efforts of the Supreme Council of Antiquities in Archaeological	1:20-1:40 (20 Min.)

Antiquities – Egypt.	Work and Discoveries	
Mohammed Fadaly Director of Egypt's Capitals Museum	Heritage Management as a Tool for Achieving Sustainable Development through Vision of Egypt "2030"	1:40-2:00 (20 Min.)
<u>BREAK</u>		2:00-3:00
Co-authored Presentation Dr. Eissa Zidan, General Director of the Executive Affairs for Conservation at Grand Egyptian Museum <u>AND</u> Akiko Nishisaka, Professor Higashi Nippon International University, Japan; Project Consultant, Management Support Team for First Assistant of Executive Director of the Grand Egyptian Museum Authority.	The conservation of the wall paintings in the tomb of Amenhotep III (phase 3): International project by UNESCO Japanese trusts-in-fund	3:00-3:20 (20 Min.)
Prof. Essam El-Saeed College of Arts and Social Sciences - Sultan Qaboos University.	A Note on the Difference between Execration Statues and Prisoners Statues	3:20 - 3:40 (20 Min.)
Bassam Al Shammaa The Historian and international lecturer	The genius of ancient Egyptian (innovations and evidences)	3:40 - 4:00 (20 Min.)
Dr. AL Hussein AbdElbaser Director of the Antiquities Museum, and the Center of Egyptology, Bibliotheca Alexandrina	From Innovation to Sustainability: Biotechnology and Advanced Science in Museology"	4:00 - 4:20 (20 Min.)
Co-authored presentation Prof. Mohsen Saleh The Dean of Faculty of Archaeology - Cairo University <u>AND</u> Dr. Amira Abd El Hakim Hamdy	Biological consolidation for archaeological limestone by calcitic Bacteria	4:20 - 4:40 (20 Min.)
Co-author presentation Taha Ismail Anthropologist, Head of	Beyond the Bones: Bioarchaeology as a Scientific Study of Human History	4:40 - 5:00 (20 Min.)



<p>Bioarchaeology lab NMEC <u>AND</u> Dalia Mahmoud Mousa Molecular Biologist, Ancient DNA labs - NMEC</p>		
<p>Dr. Abdullah Alaklabi</p>	<p>Study of plant diversity of JABAL ALSAYRA in Bisha across ages</p>	<p>5:00 - 5:20 (20 Min.)</p>
<p>END OF SESSION AND RECOMMENDATIONS</p>		

DECODING THE ANCIENT

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