



Organizer



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# 1<sup>st</sup> World Conference on By-Products of Palm Trees And Their Applications (ByPalma)

15<sup>th</sup> – 17<sup>th</sup> Dec, 2018  
Aswan -Egypt

## PROGRAMME



Composites



Furniture



Pulp and Paper



Silage



Geomats



Wood Panels



Biofuel



Modern Crafts

**We are pleased to welcome you to the 1<sup>st</sup> World Conference on By-Products of Palm Trees and their Applications (ByPalma), in Aswan, Egypt, 2018 December 15 – 17.**

ByPalma is the first conference of its kind solely focusing on the by-products of palm plantations around the globe and their current and potential applications.

It will provide an interdisciplinary platform for leading academic scientists, researchers, artisans, entrepreneurs and industry professionals as well as palm growers.

Participants will exchange recent developments, technologies, innovations, trends, concerns, challenges, and opportunities, related to palm by-products R&D, manufacturing, and crafts.

The host country Egypt is home to more than 15 million date palms and is considered the world biggest producer of dates. Egypt has a long heritage of utilization of date palm by-products since ancient Egyptians.

The main organizing institution is the Faculty of Engineering – Ain Shams University, a world-renowned engineering school, and a leader in date palm by-products research and development.

On behalf of the organizing committee, we extend a warm welcome and hope to enjoy your stay in the marvelous city of Aswan – Egypt.

Topics Include the utilization of palm by-products in the following applications:

<b>Bio-Composites</b>	<b>Bio-Fertilizers</b>
<b>Food Applications</b>	<b>Wood Alternatives and Panels</b>
<b>Bio-Technology</b>	<b>Fiber, Paper and Textile</b>
<b>Design and Architecture</b>	<b>Sustainable Energy Production</b>

**Keynote Speakers**



**Dr. Hamed El-Mously**  
*Father of Date Palm by-products  
Ain Shams University,  
Egypt*



**Dr. Walter Liese**  
*Father of Bamboo  
University of Hamburg,  
Germany*



**Dr. Mohammad Jawaid**  
*Biocomposite Lab.,  
INTROP  
Universiti Putra  
Malaysia, Malaysia*



**Dr. Arno Fruehwald**  
*Exec. partner  
Palmwood Net  
University of Hamburg,  
Germany*



**Mr. Dilip Tambyrajah**  
*Secretary General  
International Natural  
Fiber Organization,  
The Netherlands*



Day 1 – Dec 15<sup>th</sup>

10:00 – 11:00	<b>Registration</b>
11:00 – 11:45	<b>Welcome Address</b> <i>National Anthem</i> Major General Ahmed Ibrahim - Governor of Aswan Dr. Hussein Gadin – FAO Representative in Egypt Prof. Dr. Ayman Ashour – Dean of Faculty of Engineering, Ain Shams University Prof. Dr. Abdelwahab Ezzat – President of Ain Shams University H. E. Eng. Amr Nassar - Minister of Trade and Industry H. E. Dr. Yasmine Foad - Minister of Environment
11:45 – 12:15	<b>Keynote 1</b> <b>Rediscovering Date Palm By-Products: An Opportunity for Sustainable Development</b> Chairman Dr. Hamed El-Mously, Ain Shams University, Egypt
12:15 – 12:30	<b>ByPalma Association</b> <b>Establishment of the International Association of Palm By-products (ByPalma Assn.)</b> Chairman Dr. Hamed El-Mously, Ain Shams University, Egypt
12:30 – 12:45	<b>FAO Contributions to the Bioeconomy</b> Dr. Irene Xiarchos, FAO regional office NENA
12:45 – 13:15	<b>Coffee Break</b>
<b>Discussion Panel 1</b>	
13:15 – 14:15	<b>Government Vision and Policies on the Utilization of Palm By-Products</b> <b>Moderator:</b> Amgad El-Kady, Food and Agro Industries Technology Center, Egypt <b>Panelists:</b> 1. General Ahmed Ibrahim, Governor of Aswan – 2. General Mohamed El-Zamlout, Governor of New-Valley – 3. Dr. Mamdouh Ghorab, Governor of Al-Sharqiyah – 4. General Hisham Amna, Governor of Beheira – 5. General Magdi Al-Gharabli, Governor of Matrouh - 6. Dr. Yasmine Foad, Minister of Environment
<b>Discussion Panel 2</b>	
14:15 – 15:15	<b>Role of Design in Rediscovering Palm By-Products</b> <b>Moderator:</b> Alaa El-Anssary, The German University in Cairo, Egypt <b>Panelists:</b> 1. Sherif Khalil, Aly Khalil Furniture – 2. Mohamed S. Wahb, Ebony & Ivory – 3. Yousra Yassin, Room No.9 – 4. Ahmed Bedeir, Designer.
15:15 – 16:15	<b>Lunch and Gathering Photo</b>
<b>Session 1: ENERGY AND FERTILIZERS</b>	
16:15 – 16:30	<i>Chairpersons Dr. Mohamed Elansary and Dr. Sherif El-Sharabasy</i> <b>Evaluating Egypt's Agricultural Residues for Sustainable Energy Production</b> Manas Puri Food and Agriculture Organization (FAO) of the United Nations, Italy
16:30 – 16:45	<b>Scenarios of Palm-Oil Biodiesel in the Mexican Transportation Sector</b> J. Islas, G. Grande, F. Manzini Universidad Nacional Autónoma de México, México
16:45 – 17:00	<b>A Study of the Potentiality of use of Siwei Palm Midribs in Charcoal Production</b> H. El-Mously, M. Muhammad Ain Shams University, Egypt

Day 1 – Dec 15<sup>th</sup>

17:00 – 17:15	<b>Palm Secondary Products as a Source of Organic Material for Compost Production: Applied Examples from Egypt</b> M.M. Ahmed Agriculture Research Center, Egypt
17:15 – 17:30	<b>Production of Biochar from Date Palm Fronds and its Effects on Soil Properties</b> M.A. Badawi Emirates Biofertilizers Factory, UAE
17:30 – 17:45	<b>Application of Date Palm Trees Mulch as a Bedding Material for Dry Heifers in Saudi Arabia</b> A.O. Elashhab <sup>1</sup> , M.W. Sadik <sup>2</sup> , M.K. Zahran <sup>3</sup> 1: Ministry of Agriculture, Egypt 2: Cairo University, Egypt 3: Al Hofuf Stars Trading Est., Saudi Arabia
17:45 – 18:00	<b>Short Coffee Break</b>
<b>Session 2: BIO-COMPOSITES</b>	
<i>Chairpersons Dr. Abel Olorunnisola</i>	
18:00 – 18:15	<b>Evaluation of Coconut (Cocos nucifera) Husk Fibre as a Potential Reinforcing Material for Bioplastic Production</b> O.A. Babalola, A.O. Olorunnisola University of Ibadan, Nigeria
18:15 – 18:30	<b>A Review of Recent Devolvement in Date Palm Fiber Reinforced Polymer Composites</b> A.Y. Elnour <sup>1</sup> , M.S. Al-Otaibi <sup>1</sup> , O.Y. Alothman <sup>1,2</sup> , A.A. Alghyamah <sup>1</sup> 1: King Saud University, Saudi Arabia 2: Saudi Electronic University, Saudi Arabia
18:30 – 18:45	<b>Effect of Layering Patterns on Mechanical Properties of Oil Palm EFB/Kevlar Hybrid Composites</b> M. T. Sultan Universiti Putra Malaysia, Malaysia
18:45 – 19:00	<b>Synergy of Fiber Surface Treatment and MMT Nanoclay Hybrid on the Free Vibrational Behaviors of Palmyra Fruit Fiber Polyester Composites</b> I. Sankar <sup>1</sup> , I. Siva <sup>2</sup> , and D. Ravindran <sup>3</sup> 1: National Engineering College, India 2: Kalasalingam University, India 3: National Engineering College, India
19:00 – 19:15	<b>Enhancement of the Mechanical Behavior of Starch-Palm Fiber Composites</b> H. Megahed <sup>1</sup> , M. Emara <sup>2</sup> , M. Farag <sup>3</sup> , A. Wifi <sup>1</sup> , M. El-Shazly <sup>4</sup> 1: German University in Cairo, Egypt 2: Canadian International College in Cairo, Egypt 3: The American University in Cairo, Egypt 4: The British University in Egypt

Day 2 – Dec 16<sup>th</sup>

09:00 – 09:30	<b>Keynote 2</b> <b>A Glimpse on 65 Years of Passion-driven Work for Bamboo and Similarity to Palm By-Products</b> Dr. Walter Liese, University of Hamburg - Germany
09:30 – 10:00	<b>Keynote 3</b> <b>The Use of Oil Palm Trunks for Wood Products</b> Dr. Arno Frühwald, University of Hamburg - Germany
10:00 – 10:30	<b>Coffee Break</b>
<b>Session 3: WOOD ALTERNATIVES AND PANELS</b>	
<i>Chairpersons Dr. Edi S. Bakar and Dr. Paridah Tahir</i>	
10:30 – 10:45	<b>Wood, Bamboo and Palm Wood - Similarities and Differences in Research and Technology Development</b> Johannes Welling <sup>1</sup> ; Walter Liese <sup>2</sup> 1: Thünen Institute of Wood Research, Germany 2: Hamburg University, Germany
10:45 – 11:00	<b>How to Improve the Sustainability of Palm Oil by Using Wooden Products such as Furniture or Plywood from Oil Palm Trunks</b> G.A. Reinhardt Institute for Energy and Environmental Research Heidelberg, Germany
11:00 – 11:15	<b>Oil Palm Wood as Wood Alternative Material: Properties, Processing and Quality Enhancement</b> E.S. Bakar <sup>1</sup> , M. Soltani <sup>2</sup> , L.S. Hua <sup>1</sup> , Z. Ashaari <sup>1</sup> 1: Universiti Putra Malaysia, Malaysia 2: Islamic Azad University.
11:15 – 11:30	<b>Enhancing the Performance of Oil Palm Wood (Elaeis Guineensis) through Phenolic Compreg Technique</b> A. Zaidon, A.G. Aizat, S.H. Lee, M.T Paridah and E.S. Bakar Universiti Putra Malaysia, Malaysia
11:30 – 11:45	<b>Innovative Biocomposite Sandwich Panels Made of Coconut Bidirectional External Veneers and Balsa Lightweight Core as Alternative for Eco-Friendly and Structural Building Applications in High-Risk Seismic Regions</b> O.M. González <sup>1,2</sup> , N. Andino <sup>2</sup> , H.L. Barrigas <sup>2</sup> , A. García <sup>2</sup> 1: Griffith University, Australia 2: Universidad de las Fuerzas Armadas ESPE, Ecuador
11:45 – 12:00	<b>Plywood from Oil Palm Trunk: Manufacturing Process and Development of Standards</b> P.M. Tahir <sup>1</sup> , L.Y. Feng <sup>2</sup> , S.A. Rashad <sup>1</sup> and Y.B. Hong <sup>2</sup> 1: Universiti Putra Malaysia, Malaysia 2: Malaysian Timber Industry Board, Malaysia
12:00 – 12:15	<b>Medium Density Fiberboards from the Date Palm Residues: A strategic Industry in The Arab World</b> H. El-Mously, M. Saber Ain Shams University, Egypt
12:15 – 12:30	<b>Evaluation of Date Palm Fiber Components as Alternative Lignocellulosic Material for Medium Density Fiberboard Manufacturing</b> A.A. Adam <sup>1</sup> , A.H. Basta <sup>2</sup> and H. El-Saied <sup>2</sup> 1: Nag-Hamady Fiberboard Company, Egypt 2: National Research Center, Egypt
12:30 – 13:00	<b>Coffee Break</b>
<b>Discussion Panel 3</b>	
13:00 – 13:45	<b>Inclusive Innovation in Agro Waste Management: Focus on Palms</b> <b>Moderator:</b> Heba Gaber, Research and Innovation Officer, EU Delegation <b>Panelists:</b> TBA

Day 2 – Dec 16<sup>th</sup>

## Session 4: BIOMEDECINE AND BIOTECHNOLOGY

*Chairpersons Dr. Maiada El-Dawayati and Dr. Zainab Zayed*

13:45 – 14:00	<p><b>The Date Palm Research Center of Excellence: Achievements and Contributions to the Date Palm Industry</b> Mohamed R. Al-Hajhoj The Date Palm Research Center of Excellence, King Faisal University, KSA</p>
14:00 – 14:10	<p><b>Effect of Some Micro-Elements on Steroids Production from Embryogenic Callus of In Vitro Date Palm Sakkoty and Bartamuda Cultivar</b> Abdel-Aal W.B.<sup>1</sup>, S.F. El-sharabasy<sup>1</sup>, H.A. Bosila<sup>2</sup>, B.M. Mansour<sup>2</sup> and A.A. Bana<sup>1</sup> 1: Agriculture Research Center, Egypt 2: Al-Azhar University, Egypt</p>
14:10 – 14:20	<p><b>Steroids Production of Embryogenic Callus Cultures of Date Palm Under the Effect of Vitamins (Pyridoxine Hydrochloride, Nicotinic Acid) Thiamine Hydrochloride and Myo- Inositol</b> S.F. El-sharabasy<sup>1</sup>, Abdel-Aal W.B.<sup>1</sup>, H.A. Bosila<sup>2</sup>, B.M. Mansour<sup>2</sup> and A.A. Bana<sup>1</sup> 1: Agriculture Research Center, Egypt 2: Al-Azhar University, Egypt</p>
14:20 – 14:30	<p><b>Effect of Murashige and Skoog Salts Strength Medium (MS) on Steroids Production and Total Amino Acids Content of Date Palm Embryonic Callus (Sakkoty And Bartamuda Cultivar)</b> H.A. Bosila<sup>2</sup>, S.F. El-sharabasy<sup>1</sup>, Abdel-Aal W.B.<sup>1</sup>, B.M. Mansour<sup>2</sup> and A.A. Bana<sup>1</sup> 1: Agriculture Research Center, Egypt. 2: Al-Azhar University, Egypt.</p>
14:30 – 14:45	<p><b>Some Heavy Metals as a Precursor of Steroids Production from Date Palm Callus</b> Z.E. Zayed, M.M. El-Dawayati, S.F. El-sharabasy Agriculture Research Center, Egypt</p>
14:45 – 15:00	<p><b>The Biological Effect of Light Intensity on Steroids Production of Developed Callus Cultures of Date Palm Hayani CV</b> M. El-Dawayati, and S.F. El-sharabasy Agriculture Research Center, Egypt</p>
15:00 – 15:15	<p><b>Effect of Natural Additives as Coconut Milk on the Shooting and Rooting Media of In-vitro Barhi Date Palm</b> H.S. Ghazzawy<sup>1</sup> and S. Elsharabasy<sup>2</sup> 1: King Faisal University, Saudi Arabia 2: Agriculture Research Center, Egypt</p>
15:15 – 16:30	<b>Lunch</b>

## Discussion Panel 4

16:30 – 17:30	<p><b>Present Status and Future Prospects of Date Palm By-products Utilization</b> <b>Moderator:</b> Mohamad Midani, The German University in Cairo, Egypt <b>Panelists:</b> 1. Hamed El-Mously, Ain Shams University – 2. Othman Alothman, King Saud University – 3. Amgad El-Kady, Food and Agro-Industries Technology Center – 4. Sherif Elsharabasy, ARC – 5. Salah Elnefeidi, Elnefeidi Group.</p>
17:30 – 19:30	<b>Nile Social Gathering</b>

Day 3 – Dec 17<sup>th</sup>

09:00 – 09:30	<b>Keynote 4</b> <b>Oil Palm Biomass and its Composites: Potential Applications in Automotive, Constructions, Aerospace and Packaging Industries</b> Dr. Mohammad Jawaid, Universiti Putra Malaysia - Malaysia
09:30 – 10:00	<b>Keynote 5</b> <b>A Tough Nut to Crack! Integrated Considerations in Developing a Successful By-product Value Chain; Lessons from Coir Fiber.</b> Dr. Dilip Tambyrajah, International Natural Fiber Organization, Netherlands
10:00 – 10:15	<b>Date Palm Secondary Products: Types and Economic Significance</b> S.A. Al-Balahy and R.A. Abu-Aianna Saleh Abdulaziz Al Rajhi Endowment Management, Saudi Arabia
10:15 – 10:45	<b>Coffee Break</b>
<b>Session 5: FIBER, PAPER AND TEXTILE</b>	
<i>Chairpersons Dr. Ahmed Hassanin and Dr. Tamer Hamouda</i>	
10:45 – 11:00	<b>Optimizing the Extraction Process of a Novel Long Fibrillated Fibers from the Midribs of Date Palm (Phoenix Dactylifera L.)</b> M. Midani <sup>1</sup> , L.A. Elseify <sup>1</sup> , A. Hassanin <sup>2</sup> , T. Hamouda <sup>3</sup> 1: German University in Cairo, Egypt 2: Alexandria University, Egypt 3: National Research Center, Egypt
11:00 – 11:15	<b>Investigations on the Effects of Cement Replacement and Calcium Chloride Addition on Selected Properties of Coconut Husk Fibre-Reinforced Roofing Tiles</b> A.O. Olorunnisola, A.O. Adeniji University of Ibadan, Nigeria
11:15 – 11:30	<b>Production of Cellulose Fibres for Papermaking Applications from Date Palm</b> R. Khiari <sup>1,2</sup> , E. Mauret <sup>2</sup> and M.N. Belgacem <sup>2</sup> 1: University of Monastir, Tunisia 2: University Grenoble Alpes, France
11:30 – 11:45	<b>Textile Palm Fibers from Amazon Biome</b> I.M. Cattani <sup>1</sup> , L.G.A. Pennas <sup>1</sup> , A.M. Seyam <sup>2</sup> , M. Midani <sup>2,3</sup> , A.S. Monteiro <sup>1</sup> , J. Baruque-Ramos <sup>1</sup> 1: University of Sao Paulo, Brazil 2: North Carolina State University, USA. 3: The German University in Cairo, Egypt.
11:45 – 12:00	<b>Review on Date Palm (phoenix Dactylifera L.) Fibers and Their Applications</b> L.A. Elseify, M. Midani, and L.A. Shihata The German University in Cairo, Egypt
12:00 – 12:15	<b>Adsorption of Methylene Blue onto Chemically Prepared Activated Carbon from Date Palm Pits: Kinetics and Thermodynamics</b> A. M. Youssef <sup>1</sup> , H. EL-Didamony <sup>2</sup> , S.F. EL- Sharabasy <sup>3</sup> , M. Sobhy <sup>1,3</sup> 1: Mansoura University, Egypt 2: Zagazig University, Egypt 3: Agricultural Research Center, Egypt
12:15 – 12:30	<b>Date Palm Fiber Wastes as a Novel Source of Natural Colorant for Textile Materials</b> N. Baaka <sup>1</sup> , R. Khiari <sup>1,2,3</sup> 1: University of Monastir, Tunisia. 2: University Grenoble Alpes, France. 3: CNRS, France.
12:30 – 13:00	<b>Coffee Break and Poster Session</b>
13:00 – 13:30	<b>POSTER SESSION</b>

Day 3 – Dec 17<sup>th</sup>

## Session 6: FOOD APPLICATIONS

*Chairpersons Dr. Mohamed Al-Farsi*

13:30 – 13:45

**New Technologies for Value Added Products from Coconut Residue**

N.K. Rastogi  
Central Food Technological Research Institute, India

13:45 – 14:00

**Production of Single Cell Protein from Date Waste**

M. Al-Farsi<sup>1</sup>, A. Al Bakir<sup>2</sup>, H. Al Marzouqi<sup>3</sup> and R. Thomas<sup>2</sup>  
1: Ministry of Regional Municipalities & Water Resources, Oman 2: Al Foah Company, UAE 3: Abu Dhabi Food Control Authority, UAE

14:00 – 14:15

**Post-Harvest Technology of Palmyrah in India (Borassus Flabellifer L.)- Present Status and Scope**

P. C. Vengaiah,  
All India Coordinated Research Project on Palms, Horticultural Research Station, India

14:15 – 14:30

**Maximize the Benefit from Date Pits for Production of Activated Carbon and using it for Removing Peroxides from Fried Oils**

A.M. Basuny<sup>1</sup> and S.M. Arafat<sup>2</sup>  
1: Beni-Suef University, Egypt 2: Agriculture Research Center, Egypt

## Session 7: DESIGN AND ARCHITECTURE

*Chairperson Dr. Julia Ramos*

14:30 – 14:45

**Design for Enhancing Material Appreciation: An Application on the Palm Tree Midribs**

A. El-Anssary and N. Lotfi  
The German University in Cairo, Egypt

14:45 – 15:00

**The Technical Heritage of Date Palm Leaves Utilization in Traditional Handicrafts and Architecture in Egypt & the Middle East**

E.A. Darwish, Y. Mansour, H. El-mously, and A. Abdelrahman  
Ain Shams University, Egypt

15:00 – 16:00

**Lunch**

## Discussion Panel 5

16:00 – 17:00

**Present Status and Future Prospects of Oil Palm By-products Utilization**

**Moderator:** Mohammad Jawaid, Universiti Putra Malaysia, Malaysia  
**Panelists:** 1. Arno Fruehwald, Hamburg University – 2. Johannes Welling, Thünen Institute of Wood Research – 3. Zaidon Ashaari, Universiti Putra Malaysia.

## Discussion Panel 6

17:00 – 18:00

**Palm By-Product Development: Social and Economic Opportunities**

**Moderator:** Mohamed Yacoub, FAO, Egypt  
**Panelists:** 1. Irene Xiarchos, FAO - 2. Annachiara Scandone, UNIDO – 3. Sosal Art Center – 4. Napata – 5. Jereed

**Closing Ceremony****Announcing the winners of Zero Agro“Waste” Competition****Conclusions and Recommendations**

Dr. Hamed El-Mously, Conference Chairman  
Dr. Mohamad Midani, Conference Co-Chair

## Concurrent Events: Dec 15<sup>th</sup> – Dec 17<sup>th</sup>

### POSTER PRESENTATIONS

*Dedicated Poster Session Day 3, Dec 17<sup>th</sup> 13:00 – 13:30*

#### **Exploiting the Form Flexibility of Date Palm Midribs in the Design of Modern Shade Structures**

E. A. Darwish  
Ain Shams University, Egypt

#### **Chemical Composition and Pulping of Tunisian Almond and Fig Stems – A comparison with Tunisian Date Palm Rachis**

I. Moussa<sup>1</sup>, R. Khiari<sup>1, 2</sup>, A. Moussa<sup>1</sup>, and M.F. Mhenni<sup>1</sup>  
1: The university of Monastir, Tunisia. 2: The university of Grenoble Alpes, France.

#### **Using Printed Palm Leaflets in Modern Crafts According the International Fashion Trends**

H. O. Elsayegh  
Benha University, Egypt

#### **Poultry Battery Made of Palm-Leaf Stalks**

A.H. Abd El-Megeed  
ARC, Ministry of Agriculture, Egypt

#### **Characterization of Volatile Compounds in Roasted Dates (*Phoenix dactylifera*) Seeds in Comparison to Coffee Bean (*Coffea Arabica*) using GC-MS and Consumer Study**

K. AlShoaily  
Ministry of Agriculture, Oman

#### **Plant Design for the Conversion of 2 ton/hr Date Palm Waste into Syn Gas**

A. Alharthi, and I. Ali  
King Abdulaziz University, Saudi Arabia

#### **Effect of Vitamins (Pyridoxine and Nicotinic Acid), Thiamine and Myo-Inositol at Different Concentrations on Free Amino Acids and Indoles Content of Embryogenic Callus of In Vitro Date Palm (*Sakkoty And Bartamuda Cultivar*)**

S.F. El-sharabasy<sup>1</sup>, Abdel-Aal W.B.<sup>1</sup>, H.A . Bosila<sup>2</sup>, B.M. Mansour<sup>2</sup> and A.A. Bana<sup>1</sup>  
1: Agriculture Research Center, Egypt 2: Al-Azhar University, Egypt

#### **The Effect of Some Micro-elements on Free Amino Acids, Indols and Total Phenols Production from Embryogenic Callus of Two Date Palm Cultivars (*Sakkoty And Bartamuda*)**

S.F. El-sharabasy<sup>1</sup>, Abdel-Aal W.B.<sup>1</sup>, H.A . Bosila<sup>2</sup>, B.M. Mansour<sup>2</sup> and A.A. Bana<sup>1</sup>  
1: Agriculture Research Center, Egypt 2: Al-Azhar University, Egypt

#### **Producing Sustainable Energy and Green Construction Materials Using Recycled Palm Tree Mid-Rib Wastes**

A. Sharkawi, A. Bakry, A. Albastawisi and K. Rabie  
Tanta University, Egypt

### PALM BY-PRODUCTS INNOVATION AND CRAFTS EXHIBITION

FAO Sponsored Exhibitors: Sosal Art Center, Jereed, and Napata

Academy of Scientific Research and Technology Exhibitors

Egyptian Society for the Endogenous Development of Local Communities

Date Palm Research Center of Excellence, King Faisal University, Saudi Arabia

Zero Agro“Waste” Competition Showcase

Univeristi Putra Malaysia and Biocomposite lab INTROP

Palmwood Net

### PALM BY-PRODUCTS PHOTO GALLERY

Day 4 – Dec 18<sup>th</sup> (Optional)

**Full Day Tour in Aswan - 70 USD**

Philae temple, high dam, unfinished obelisk and Nubian Village in Aswan

**Philae Temples**



One of Nubia's most important monument sites, the Temples of Philae was an ancient pilgrimage center for the cult of Isis and dazzled travelers with its power for centuries.

**Nubian Village**



Visit a Nubian community on Sohail Island from a boat ride and enjoy a special lunch made up of authentic Nubian dishes. Discover Nubian culture, thought to be one of the earliest civilizations located anywhere on Earth.

**The High Dam**



An engineering miracle built in 1960 protecting Egypt from annual flood from the Nile and it has had a significant effect on the economy and culture of Egypt.

**Unfinished Obelisk**



The largest known Egyptian obelisk which today can be found exactly where it was once semi-carved from the solid bedrock. It was ordered by Hatshepsut (1508–1458 BC) to complement the Lateran Obelisk.

# General Information

## LOCATION

Helnan Aswan Convention Center  
Address: Cornich El Nile, Abu El-Rish  
Qebli, Aswan – Egypt

## LANGUAGE

Papers will be presented in English.  
Simultaneous translation facilities will not  
be available.

## SECRETARIAT

All correspondence and inquiries should  
be sent to the conference secretariat.  
Faculty of Engineering, Ain Shams  
University, Abdo Pacha, Cairo – Egypt  
Email: [secretariat@bypalma.com](mailto:secretariat@bypalma.com)

[www.bypalma.com](http://www.bypalma.com)

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