

# 1. Conference on “Role of Engineering Towards Better Environment” RETBE’21

Towards achieving the 2030 vision, the Faculty of Engineering at Alexandria University is hosting the 12<sup>th</sup> International Conference “Role of Engineering Towards Better Environment” RETBE’21. The theme of the conference this year will be “Vision 2030: Engineering Challenges in the Midst of the Pandemic”.

The conference will be held from 20 to 22 December 2021 in Alexandria, Egypt. It continues to uphold the mission of the preceding successful series of RETBE conferences that started over 20 years ago, emphasizing the challenges facing the environment and the need for innovative actions and policies.

RETBE’21 conference is to bring together innovative Academia, Industry and Government in the fields of: Engineering, Technology and Environment to a common platform where researchers, scientists, and engineers can exchange their findings with global experts and officials.

Within the 2030 vision, the conference provides attendees and participants with the opportunity to share their experiences and ideas with peers from various parts of the world with the purpose of helping delegates to foster business and research relations for collaboration in the future





Day 1: Monday, December 20 <sup>th</sup> , 2021		
08:30 am	Registration (all day)	Faculty of Engineering
09:00 am - 10:45 am	Opening Ceremony: <b>Prof. Rawya Kansoh</b> , Conference Coordinator, Faculty of Engineering, Alexandria University <b>Prof. Essam Wahba</b> , Vice Dean, Faculty of Engineering, Alexandria University <b>Prof. Said Allam</b> , Dean, Faculty of Engineering, Alexandria University <b>Prof. Abdelaziz H. Konsowa</b> , President, Alexandria University	Hall A1
11:00 am - 12:00 pm	<b>Keynote Speech</b> Water Scarcity Research and Education in the Eras of Climate Change and Sustainable Development <b>Prof. Hani Swellem</b> , RWTH Aachen University, Germany	Hall A1
12:00 pm - 01:00 pm	Coffee Break	SSP Building 1 <sup>st</sup> floor
01:00 pm - 01:15 pm	Delta Building Systems	
01:15 pm - 03:00 pm	Panel Discussion hosted by RETBE'21 <b>Climate Change and Global Warming « Getting ready for UN COP 27 »</b> Session Moderator: Prof. Rawya Kansoh, Faculty of Engineering, Alexandria University	Hall A1

Technical Virtual Meetings via ZOOM		
Coordinators: Dr Youssry Taha, Dr Dina Elgayar		
04:00 pm - 05:30 pm	<b>Session #1: Water Issues</b> *Chair Person: Prof. Haytham Awad *Co-chair: Dr Mohamed R. Torkomany Meeting ID: 976 2365 8279 Password: RETBE21	<b>Session #2: Sustainable Urbanism</b> *Chair Person: Prof. Hassan K. Abdel Salam *Co-chair: Dr Dina Saadallah Meeting ID: 860 7787 8928 Password: RETBE21
	Critic comparative analysis approach for Alexandria port – Alexandria city – Egypt, <b>Mona Sayed Seifellislam, Amira. A Fathi, Ali Bakr.</b>  Assessment of The Long-Term Shoreline Changes of El Alamein Coastal Area, Egypt, <b>Ahmed Slama. Elstohey, Maysara Khaairy El-Tahhan, Walid E. Reda, Hossam M. Moghazy.</b>	Assessment of Livability in the Urban Built Environment in Alexandria, Egypt, <b>Heba M. Affara, Hany M. Ayad, Dina M. Saadallah.</b>  Coastal Cities' Blue-Green Infrastructure Model (BGIM) The Case of New El-Alamin City, Egypt, <b>Tasneem Amr, Asmaa Hassan, Khalid El Hagla.</b>

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	Risk management and cost analysis of treated wastewater reuse: Proposal for the New Al-Alamein city, Egypt, <b>Sara AbdelMoula, Mohamed T. Sorour, Samia A. Aly.</b>  The Performance of Novel Draw Solutions in Brackish Water Desalination Using Forward Osmosis, T. M. Zewail, M.A. Dawod, S. M. Abd Elrazik, S.E. Elalfy, M. A. Saad, El-Sh. Ibrahim	Creating Sustainable Cities: Biomimicry as Conductive Approach, <b>Sherouk Seif, Walid abdelal, Ali Bakr</b>  The Influence of Urban Economics on The Growth of Historic Cities (Case Study: Alexandria), <b>Rahma Hassan, Hassan Abdel Salam, Asmaa E. Hasan</b>  Effects of Vertical Densification on the built environment in the city of Alexandria, <b>Wala Khaled Helal, Dina M. Saadallah, Dina Taha.</b>
06:00 pm - 07:30 pm	<b>Session #3: Renewable Energy</b> *Chair Person: Prof Wael Elmaghlany *Co-chair: Dr Mohamed Elhelw Meeting ID: 922 7832 3650 Password: RETBE21	<b>Session #4: Sustainable Architecture</b> *Chair Person: Prof Dina M. Nassar *Co-chair: Dr Ingi A. El Cherif Meeting ID: 855 5232 7943 Password: RETBE21
	Can Egypt achieve its target of 20% of electric energy from renewables by 2022? <b>Tarek ElShennawy.</b>	Architectural Programming and physical Sustainability: Optimizing Adaptability in the Pre-Design Phase, <b>Sarah Essam, Hassan Abdel Salam, Asmaa E. Hasan</b>
	Optimization of Green Hydrogen Utilization for Power Generation and Liquefaction for Export, A. Saleh, D. AbuMaaty, M. Mohsen, R. ElAdawy, Y. Mohamed, D. ElGayar, S. Haddara, H. Warda.	Morphology of Architectural Structure: An Approach to Assess Quality of Spaces and Performance of The Resulted Built-Forms, <b>Yara H. Helmy, Ibrahim E. Ma'arouf, Asmaa E. Hasan</b>
	Validation and Optimization of a Three Floats Wave Energy Converter, A. R. Bassiouny, Y. Welaya, Khaled A. Geba, T. M. Ahmed.  Influence of the variations of the geometrical parameters on the flanged diffuser augmented wind turbine performance, Amr M. Abdelrazek, Ahmad O. Abdelaziz, Sadek Z. Kassab.	Biomimicry Principles as a Tool for Evaluating Buildings, <b>Basma M. Abdel Aleem, Mohamed A. Fikry</b>  Enhance the Environmental Performance of Existing Office Building Using Passive Cooling Techniques, <b>Engy F. M. Ishak, Alessandro Rogora, Ibrahim H. Saleh, Zeyad M. Elsayad</b>
The Effect of Endplate Addition on the Perf Wind Turbine: A 3-D study, <b>Sadek Z. Kassab, Chemengch S. Jamar, Eslam R. Lotfy.</b>	Improving Energy consumption in social housing by using different levels of retrofitting, <b>Allaa M. Abu Eldahb, Zeyad M. Elsayad, Ali F. Bakr.</b>	

\* Faculty of Engineering, Alexandria University

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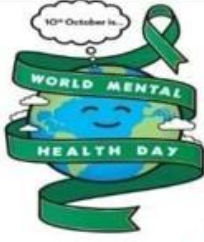


	Mass transfer Behavior for a Gas Sparged rotating Cylinder electrode, <b>H. K. Ali, S. A. Nosier, I. H. Mohamed, G. H. Sedahmed, M. A. El-Naggar</b>	Behavior of Reusable T-Stub Beam Column Connection, <b>Mohaymen Moustafa, Ahmed M.Khalifa, Ahmed Shamel Fahmy</b> . Achieving resilience in COVID-19's New Normal: Changes in office buildings and workspaces design according to social distancing and teleworking parameters, <b>Mohammed S. Ali, Tarek A. Farghaly, Dina M. Saadallah</b> .
<b>Day 2: Tuesday, December 21<sup>st</sup>, 2021</b>		
<b>06:00 pm – 07:30 pm</b>	<b>Session #7: Energy</b> *Chair Person: Prof. Mohamed Teamah *Co-chair: Dr Ahmed Elwardany Meeting ID: 939 6738 1304 Password: RETBE21	<b>Session #8: Technology in Architecture</b> *Chair Person: Prof Dina S. Taha *Co-chair: Dr Asmaa El Sayed Meeting ID: 847 4126 5750 Password: RETBE21
	Numerical Investigation of Planning Hull Resistance Using Different Turbulence Models, <b>Alsmoual A. Alhassan, Adel A. Banawan, Yasser M. Ahmed, Tamer. M. Ahmed, Maged M. Abdelnaby</b>	(VIRTUAL HERITAGE) Digital Documentation and conservation of heritage, <b>Heba Stumah, Mohamed Fikry, Waled Abdel Aal</b> .
	Sustainable retrofits for high-rise building envelopes in North America: A communication, <b>H. M. Teamah, M. Teamah</b> .	Retrofitting Historical Buildings for Fire Resistance, <b>Renal Salama, Mohamed Anwar Fikry, Ibrahim Marof</b>
	Reducing Carbon Footprint of Thermal Natural Gas Power Plants Using Cryogenic Carbon Capture Technology, <b>Abdurrahman A. Alsanousie, Abdelhamid E. Attia, Mohamed Elhelw, Osama A. Elsamni</b> .	A Holistic Approach for the Digital Documentation of Urban Cultural Heritage Using HBIM, <b>Lara A. Awad, Khalid S. M. Al-Hagla, Dina M. Nassar</b>
	COVID-19 & the Nuclear Industry: Review of Impacts and Implications for Newcomer Countries, <b>Mohamed H. M. Hassan</b> .	Acoustic Environment and Architectural Characteristics of learning spaces via its Soundscape, <b>Ayat K. Kamal, Mostafa R. Ismail, Mohammed S. Mayhoub</b> .
	Spotlight on the influence of various parameters, related to the inlet injection region, on an air-water air lift pump performance, <b>Sadek Z. Kassab, Abdelrahman A. Abdelrazek, Eslam R. Lofly</b> .	Designing Low Rise Green Buildings in Iraq with Emphasis on Structural Design Optimization and Thermal Performance, <b>Shaymaa Mohammed Abass, A.Shamel Fahmy, Zeyad M.ElSayed, Shreen Moustafa Sewilm</b> .
	Performance evaluation of a MOF-801 packed in copper foams-based adsorption cooling and desalination system, <b>Mohamed Rezk, Mahmoud Elsheniti, Osama A. Elsamni</b> .	Biomimetic Adaptation Techniques in Facades in Coastal Hot Climates, <b>A.W. Mariam, H. Asmaa, E.H. Khaled</b> .

\* Faculty of Engineering, Alexandria University



## 2. Reviving Community Pharmacists Conference



### تحت رعاية

معالي الأستاذ الدكتور / أشرف الغندور

القائم بعمل نائب رئيس الجامعة لشئون خدمة المجتمع وتنمية البيئة

الأستاذ الدكتور / شريف أحمد رستم

وكيل الكلية لشئون خدمة المجتمع وتنمية البيئة

الأستاذ الدكتور / ميرفت أمين قاسم

عميد كلية الصيدلة



يتشرف قطاع شئون خدمة المجتمع وتنمية البيئة بدعوة سيادتك

لحضور محاضرة بعنوان

## Reviving community pharmacists role in psychiatry and eliminating the malpractices

إحياء دور صيدلى المجتمع فى الطب النفسى وتجنب الممارسات الخاطئة

تلقيا

د. نانسى محفوظ

صيدلى إكلينيكي بقسم أمراض المخ والأعصاب والطب النفسى

بمستشفيات جامعة الإسكندرية



يوم السبت الموافق ٢٩/١٠/٢٠٢٢

فى تمام الساعة ١٢ ظهرا

بقاعة المؤتمرات الدور السادس

المبنى القديم

### 3. 5th International Congress on Pediatric Dentistry



Faculty Of Dentistry

The5thAnnualBio-materialsForum <https://bit.ly/The5thAnnualBio-materialsForum>

The 5th Annual Biomaterials Forum ONLINE

10:00 AM 8-3-2022

Microsoft Teams

<https://bit.ly/The5thAnnualBio-materialsForum>

The banner features a blue background with a large, intricate 3D mesh structure on the right. Three circular insets show: a blue tooth model, a purple porous lattice structure, and a white dental crown. The Alexandria University logo is in the top left corner.



ASDC 22<sup>nd</sup> ALEXANDRIA INTERNATIONAL DENTAL CONGRESS 2022

16-18 NOV 2022 ALEXANDRIA EGYPT

5<sup>th</sup> INTERNATIONAL CONGRESS OF EGYPTIAN PEDIATRIC DENTISTRY ASSOCIATION 18-20 NOV 2022

PROF. DR. JEFFREY A. DEAN  
Pediatric Dentistry

Indiana University McDonald Professor of Pediatric Dentistry and a Professor of Orthodontics  
Senior editor and coauthor of McDonald and Avery's Dentistry for the Child and Adolescent

Impactions, Extractions and Substitutions: Lions and Tigers and Bears, Oh My!

ASDA

aidconline.org

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toothpick ALAM MEDICAL TECHNOwave GLOBE ANG ALLAM MEDICAL

The poster features a portrait of Prof. Dr. Jeffrey A. Dean on the right side. The background is blue with white and yellow text. Logos for various sponsors are at the bottom.



**ADC**  
22<sup>nd</sup> ALEXANDRIA INTERNATIONAL DENTAL CONGRESS 2022  
مؤتمر الإسكندرية الدولي الثاني والعشرون لطب الأسنان

**16-18**  
NOV 2022  
ALEXANDRIA  
EGYPT

5<sup>th</sup> INTERNATIONAL CONGRESS OF *Egyptian*  
PEDIATRIC DENTISTRY ASSOCIATION  
18-20 NOV 2022

**ASSOC. PROF.**  
**SCOTT W. CASHION**  
**Pediatric Dentistry**

Associate Professor and Program Director in the Division of Pediatric and Public Health at the University of North Carolina  
President-elect of the AAPD

Update on Molar-Incisor Hypomineralization (MIH)

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5<sup>th</sup> INTERNATIONAL CONGRESS OF *Egyptian*  
PEDIATRIC DENTISTRY ASSOCIATION  
18-20 NOV 2022

**PROF. DR.**  
**MARGHERITA FONTANA**  
**Pediatric Dentistry**

Clifford Nelson Endowed Professor of Dentistry in the Department of Cariology, Restorative Sciences and Endodontics at University of Michigan School of Dentistry

An Update on Evidence-Based Clinical Practice Guidelines for Non-Restorative Management of Caries Lesions on Primary and Permanent Teeth

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PEDIATRIC DENTISTRY ASSOCIATION  
18-20 NOV 2022

PROF. DR.  
**SONDOS ALBADRI**

**Pediatric Dentistry**

Professor and Honorary consultant in Paediatric  
Dentistry at the University of Liverpool  
President of the British Society of Paediatric  
Dentistry

A Practical Guide to the Emergency  
Management of Dento-alveolar  
Trauma



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PEDIATRIC DENTISTRY ASSOCIATION  
18-20 NOV 2022

PROF. DR.  
**AMR MOURSI**

**Pediatric Dentistry**

Professor and Chair of the Department of Pediatric  
Dentistry at the New York University  
President of the American Academy of Pediatric  
Dentistry (AAPD)

Minimally Invasive Caries Management  
for Pediatric Patients



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**5<sup>th</sup> INTERNATIONAL CONGRESS OF *Egyptian* PEDIATRIC DENTISTRY ASSOCIATION**  
18-20 NOV 2022



 **PROF. DR. JESSICA Y. LEE**  
**Pediatric Dentistry**

Demeritt Distinguished Professor of Pediatric Dentistry and Chair of the Division of Pediatric and Public Health at the University of North Carolina

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New Concepts in Pulp Therapy




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EGYPT



**5<sup>th</sup> INTERNATIONAL CONGRESS OF *Egyptian* PEDIATRIC DENTISTRY ASSOCIATION**  
18-20 NOV 2022



 **PROF. DR. ZOE MARSHMAN**  
**Pediatric Dentistry**

Professor of Dental Public Health, School of Clinical Dentistry, University of Sheffield

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Dental fear and anxiety in children




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 الجمعية لتقويم  
 الأسنان المصري  
 SOCIETY





 **DR.**  
**JIHAD HABLI**  
**Orthodontics**  
 Professor of Laser, Faculty of Medicine,  
 Univeristy of Genoa, Italy


Smile... Teeth... Gum... Lips




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 PLATINUM SPONSOR:  ALIN MEDICAL  
 GOLD SPONSOR:  TechnoWave  
 SILVER SPONSORS:  GL@BE,  AMG,  ALLAM


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 NOV 2022  
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 **DR.**  
**RAE'D M. ABUTTEEN**  
**Periodontology**  
 Lecturer at the German Board of Oral  
 Implantology (GBOI) program in collaboration  
 with the German Association of Dental  
 Implantology (DGZI)  
 Chairman of Camlog Dental Implants Study  
 Club- Amman, Jordan

The Whole Truth or Part of it in  
 Extraction Immediate Implantation  
 – A Leap of Faith or is it Not?





## 4. Health care Conference

From the “Pearl of the Mediterranean”; Alexandria – Egypt, the Faculty of Pharmacy, Alexandria University is pleased to welcome you to participate in the wonderful cozy atmosphere of the International Conference on “Pharmaceutical and Healthcare Sciences, PHS 2022”. Following the great success of the previous conference PHS-2019 and the successive PHS-2020 & 2021 webinars, we are honored to welcome you in PHS-2022, which will be held in Hilton Green Plaza, Alexandria Egypt on 23-24 November 2022

The poster features a vibrant background with a gradient from blue to pink and purple, accented with colorful circles and a grid of dots. At the top, it displays the Faculty of Pharmacy and Alexandria University logos in both Arabic and English. The central text reads: '2<sup>ND</sup> INTERNATIONAL CONFERENCE & EXHIBITION ON PHARMACEUTICAL & HEALTHCARE SCIENCES', 'PHS 2022', 'EGYPT VISION FOR HEALTHCARE 2030', '23-24 NOVEMBER, 2022', and 'HILTON ALEXANDRIA GREEN PLAZA'. A large blue caduceus symbol is positioned in the lower half. At the bottom, it includes the EDA logo, a 50th anniversary emblem (1972-2022) with the text 'Years Of Excellence', the RA Events logo, and the website 'www.phs-eg.com'.

FACULTY OF PHARMACY | كلية الصيدلة | جامعة الإسكندرية | ALEXANDRIA UNIVERSITY

2<sup>ND</sup> INTERNATIONAL CONFERENCE & EXHIBITION ON PHARMACEUTICAL & HEALTHCARE SCIENCES

**PHS 2022**

EGYPT VISION FOR HEALTHCARE 2030

23-24 NOVEMBER, 2022  
HILTON ALEXANDRIA GREEN PLAZA

UNDER THE PATRONAGE OF:

EDA  
EGYPTIAN DRUG AUTHORITY  
هيئة الدواء المصرية

50  
1972 - 2022  
Years Of Excellence

RA  
EVENTS

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ALEXANDRIA UNIVERSITY

2<sup>nd</sup> INTERNATIONAL CONFERENCE & EXHIBITION  
ON PHARMACEUTICAL & HEALTHCARE SCIENCES



UNDER  
THE PATRONAGE  
OF



# PHS 2022

EGYPT VISION FOR  
HEALTHCARE 2030

23-24 NOVEMBER, 2022  
HILTON ALEXANDRIA GREEN PLAZA



REGISTER  
NOW

## OUR GUEST SPEAKERS



Abdullah Al Bahshi



Ahmed Belal



Ahmed Fathi Elkrate



Ahmed M. Gharib



Ahmed Wahid



Amany El-Sharif



Amr Mostafa El-Hawiet



Amr Saad



Ann Daly



Ashraf El Fiky



Ashraf El Ghandour



Ayman Noreddin



Clara-Michael Lehr



Dina Yousef



Gihan Elshor



Hager Ibrahim



Honeya M. Ismail



Hussein I El-Subbagh



Ingolf Cascorbi



Mahmoud Foudeh



Mahmoud M. Elzabany



Mamoun Muhammed



Michal Rouse



Mohamed Ali Farag



Mohamed Sobhy



Nathalie Khouniry Zghaf



Nihal El Habachi



Nilly Shams



Omar El Halsey



Ramy Karam Aziz



Rania M. Hathout



Samir El Achy



Shaker A. Mousa



Soad Farid Hafez



Thamir M. Alshammari



Vangelis Manolopoulos



Waleed Hamdy Nafe

1 Novel aspects in pharmacotherapy and precision medicine

2 Recent advances in microbiology, immunology and biotechnology

3 Artificial intelligence in pharmaceutical sciences

4 Clinical pharmacy practice and patient care

5 Pharmacokinetics and pharmacogenomics

6 Pharmacovigilance and pharmacoconomics

7 Pharmacy education development and accreditation

8 Natural products in drug discovery

9 Applications of molecular biology in biopharmaceutical sciences

10 Drug analysis and quality control

11 Medicinal chemistry advances: molecular modeling and drug design

12 Advances in nanomedicine and nanobiotechnology

### SUBMISSION TIMELINE

15 September 2022

Within 2 weeks of submission

15 October 2022



Abstract submission closes

Placement notification

Poster submission closes



[www.phs-eg.com](http://www.phs-eg.com)