



الجامعة الخليجية GULF UNIVERSITY

Under the Patronage of

Her Excellency Dr. Sheikha Rana bint Isa bin Daij Al Khalifa Secretary-General of the Higher Education Council and Vice-Chair of the Board of Trustees of HEC



Dr. Sheikha Rana bint Isa bin Daij Al Khalifa

1[®] IDE International Conference

ON

ENGINEERING AND TECHNOLOGY FOR SUSTAINABLE ARCHITECTURAL AND INTERIOR DESIGN ENVIRONMENTS (ETSAIDE 2022) June 6"-7", 2022 | Virtual Conference |

Kingdom of Bahrain

Opening & Welcome

09:30-10:00 am

Prof. Dr. Mohanad Ismael Ibrahim Al Firas | President of University | Gulf University Asso. Pro. Dr. Osama Al-Rawi | Dean - College of Engineering | Gulf University Dr. Tamer M. AlKadash | University Research Council Chair | Gulf University



Prof. Dr. Mohanad Al Firas



Asso.Pro.Dr. Osama Al-Rawi



Dr. Tamer M. AlKadash

ETSAIDE 2022 | DAY 01 | Monday, June 6th

Session 01 : Sustainable Architecture and Interior Design		
10:00-11:40AM	Moderator: Dr. Aseel Abdulsalam Al-Ayash Gulf University – Kingdom of Bahrain Assistant Moderator: Dr. Tamer M. AlKadash	
10:00-10:20AM	Keynote Prof. Zeynep Onur Near East University Faculty of Architecture -Cyprus "Biophilic understanding in interior spaces for a sustainable future"	
10:20-10:40AM	Ahmed Hassanin El-Fayoumei Damietta Univerity – Egypt. "The Role of BIM In Achieving Sustainable and Environmental Aspects for Interior Spaces"	
10:40-11:00AM	Meryem Kadri, Mohamed Yacine Telli, Ahmed Kaihoul University of 8th of May 1945 – Algeria "Innovative building materials, between sustainable development and technology, a promising approach to sustainable construction".	
11:00-11:20AM	Walaa S.E. Ismaeel British University in Egypt – Egypt. "Reviewing Sustainable building renovation considering indoor environmental quality"	
11:20-11:40AM	Ashraf Nadheer , Ammara Saddiq Gulf University – Kingdom of Bahrain. "The impact of COVID19- on the standards of interior design for restaurants ".	
11:40-12:00Pm	BREAK Q&A session included as last segment of each presentation.	













Dr.Ashraf Nadheer

ETSAIDE 2022 | DAY 01 | Monday, June 6th

Session02 : Technology in Architectural Engineering and Design

12:00-13:40PM	Moderator: Dr. Omar Blibech Gulf University – Kingdom of Bahrain Assistant Moderator: Dr. Yasser Yahia
12:00-12:20PM	 Keynote Dr. Ruairí O'Brien German University in Cairo – Egypt. "New technologies and digital design tools in general and how they are influencing our way of designing and thinking in architecture".
12:20-12:40PM	 Abdul Samad Al Khalidi, Mohd Izani, Aishah Abdul Razak Sharjah University – United Arab Emirates "Emerging technology (AR, VR and MR) in interior design program in the UAE: challenges and solutions"
12:40-13:00PM	 Khalil Idrissi Gartoumi, Mohamed Aboussaleh, Smail Zaki Moulay Ismail University – Morocco. "Meeting architectural and engineering requirements provided by COVID19-"
13:00-13:20PM	Ibrahim Reda, Haidy Tamer Gulf University – Kingdom of Bahrain "Daylighting Assessment and Optimization: A Case Study in an Office Building"
13:20-13:40PM	Bernard Vancen Albons, Khairul Huda Yusof, Noor Hafizah Mahamarowi Management and Science University – Malaysia "Designation of a Home Automation System using Nodemcu with Home Wireless Control Appliances in Traditional Malay House"



Dr. Ruairí O'Brien



Dr. Mohd Izani





Haidy Tamer

Q&A session included as last segment of each presentation.



Conclusion & Closing Remarks

13:40-14:00PM

Chair: Asso. Prof. Dr. Mohammed Alshekhly | College Research Council Chair – Gulf University

ETSAIDE 2022 | DAY 02 | Tuesday, June 7th

Session 01 : Architectural Design, Environment and Engineering Analysis		
09:30-11:30AM	Moderator: Asso. Prof. Dr. Mohammed Alshekhly Gulf University – Kingdom of Bahrain Assistant Moderator: Ms. Maliha Sherwani	
09:30-09:50AM	Keynote Prof. Ana-Maria Dabija Ion Mincu" University of Architecture and Urbanism Bucharest - Romania "Alternative Architectural Means for Energy Efficient Design"	
09:50-10:10AM	Walaa S. E. Ismaeel British University in Egypt – Egypt "Challenges for applying artificial intelligence in the field of urban design and planning; case of Egypt"	
10:10-10:30AM	Mohd Izani, Abdul Samad Al Khalidi, Aishah Abdul Razak Higher Colleges of Technology - United Arab Emirates "Photorealistic rendering for the Prophet Mosque in 3D Media: Issues and solutions"	
10:30-10:50AM	Israa Mughidh A-Janabi, Bilal R. Al-Kaseem, Mostafa W. Alani Al-Iraqia University – Iraq "Intelligent Facade Skinning System Based on Crowd-Sensing and Air-Quality Monitoring"	
10:50-11:10AM	Yasser I. O. Yahia Gulf University – Kingdom of Bahrain. "Investigation of Segmental Pile Model Under Static Lateral Load Using Stress Mapping Pre-Scale Film Techniques"	
11:10-11:30AM	 Yasser Mohamed Abdelrahman Tarshany, Yazeed Al Moaiad, Yousef A. Baker El-Ebiary Faculty of Islamic Sciences, MEDIU - Malaysia "Legal Maxims Artificial Intelligence Application for Sustainable Architecture and Interior Design to Achieve the Maqasid of Preserving the Life and Money" 	
11:30-12:00PM	BREAK	

Q&A session included as last segment of each presentation.



ETSAIDE 2022 | DAY 02 | Tuesday, June 7th

Session 02 : Sustainability and Teaching Trends in Architecture and Interior Design

12:00-14:00PM

Moderator: | Asso.Prof.Dr. Ashraf Nadheer | Gulf University -

	Kingdom of Bahrain
	Assistant Moderator: Dr. Ameera Ali
12:00-12:20PM	Keynote Prof. Dr. Yasser Ali Mabad Farghaly Faculty
	of Applied Arts - Damietta University - Egypt
	"The Future of Interior Design"
12:20-12:40PM	Omar Blibech, Aseel Al-Ayash Gulf University –
	Kingdom of Bahrain
	"Environmental thinking in higher education: towards a systemic
	integration"
12:40-13:00PM	Noor Hafizah Mahamarowi, Ahmad Fazeel, Nur Huda
	Mat Yusoff Management and Science University – Malaysia
	"VR Educational teaching tools for viewing 3d view in interior
	design education at higher institution"
13:00-13:20PM	Yasser Ali Mebed, Nehal Nabil Zahra, Nesma Yasser
	Shatta Damietta Univerity – Egypt
	"E-learning Techniques in The Virtual Interior Design Studio"
13:20-13:40PM	Ariessa Firzana Binti Azuan Afandi, Mohd Syahmi B
	Suhaimi Management and Science University – Malaysia
	"The development of augmented reality book character immerg- er (wizards domain)"
13:40-14:00PM	Ashratul Laila Binti Sugiman, Hasnah Binti Yahya
	Management and Science University – Malaysia
	"Publication: DIY Accessories Making with Nyonya Batik Style"

Q&A session included as last segment of each presentation.













Conclusion & Closing Remarks

14:30-14:00PM

Chair: Dr. Tamer M. AlKadash | University Research Council Chair – Gulf University

Moderators



Dr. Aseel Al-Ayash



Dr. Omar Blibech



Asso.Prof.Dr. Mohammed Alshekhly



Asso.Pro.Dr. Ashraf Nadheer

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