

1st IDE International Conference

ON
ENGINEERING AND TECHNOLOGY FOR SUSTAINABLE ARCHITECTURAL
AND INTERIOR DESIGN ENVIRONMENTS
(ETSAIDE 2022)

June 6th-7th, 2022 | Virtual Conference |
Kingdom of Bahrain

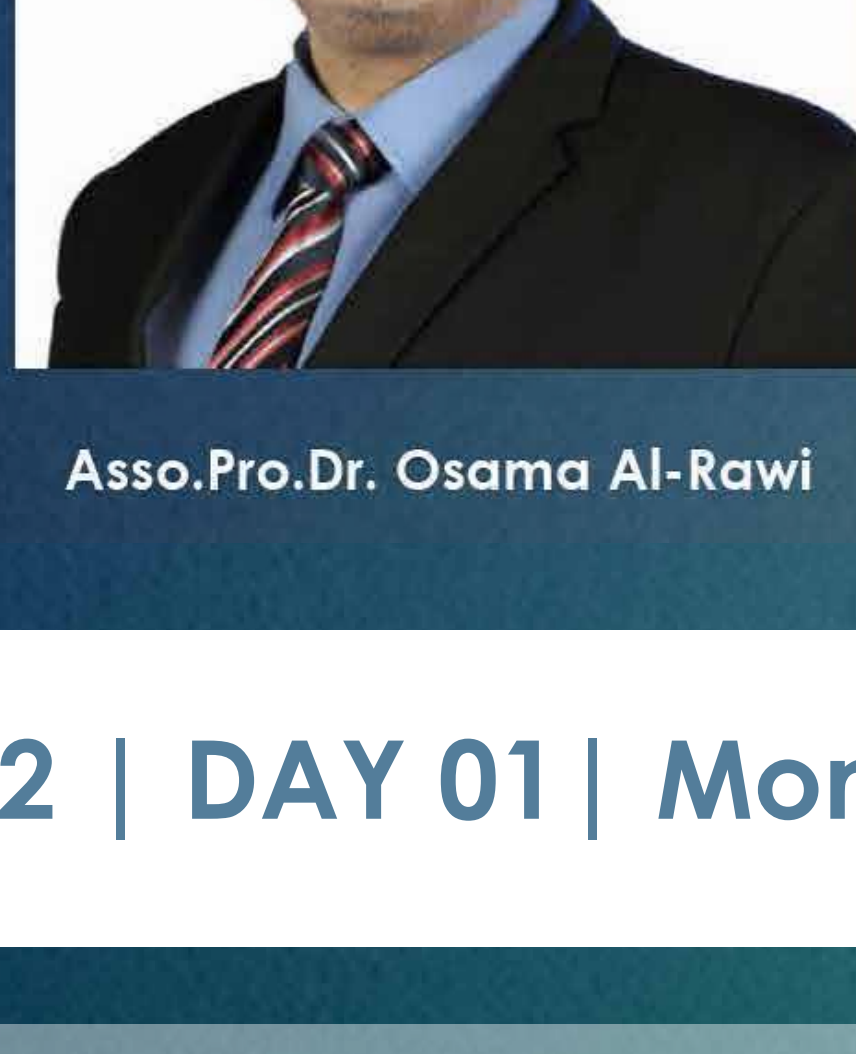
Opening & Welcome

09:30-10:00 am

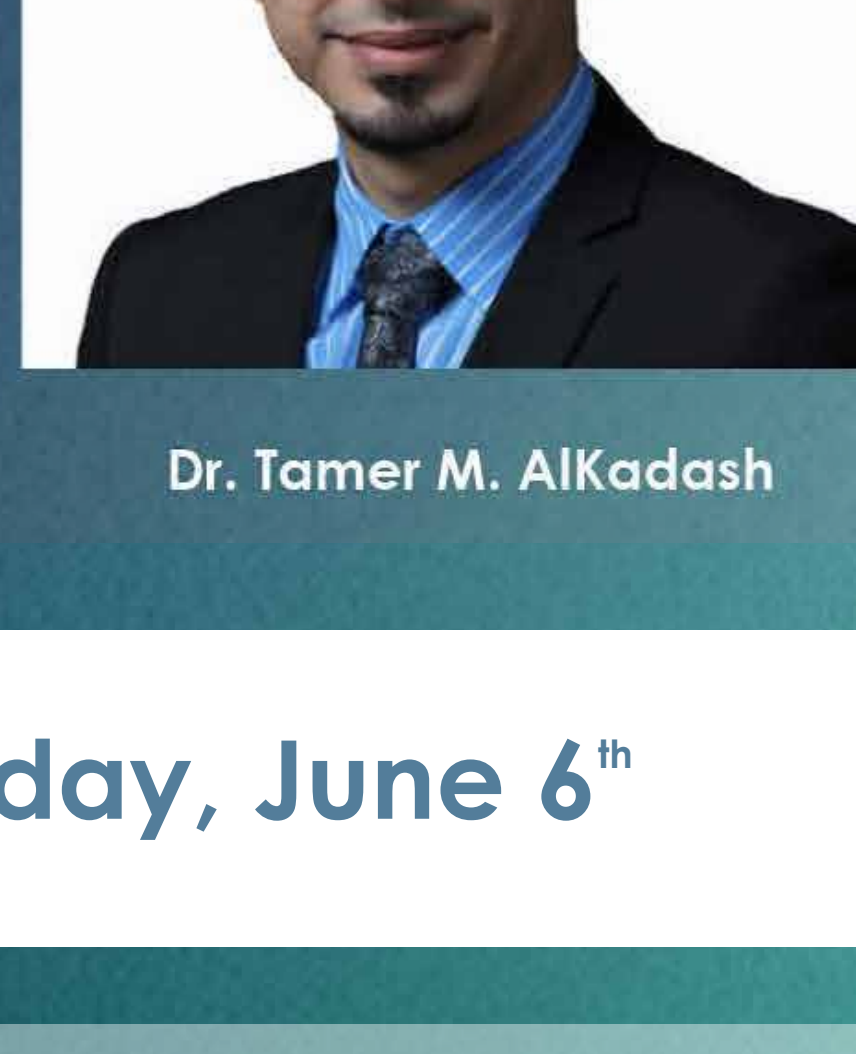
Prof. Dr. Mohanad Ismael Ibrahim Al Firas | President of
University | Gulf University
Asso. Pro. Dr. Osama Al-Rawi | Dean - College of Engineering |
Gulf University
Dr. Tamer M. AlKadash | University Research Council
Chair | Gulf University



Prof. Dr. Mohanad Al Firas



Asso.Prof. 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 Kainoul |
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"

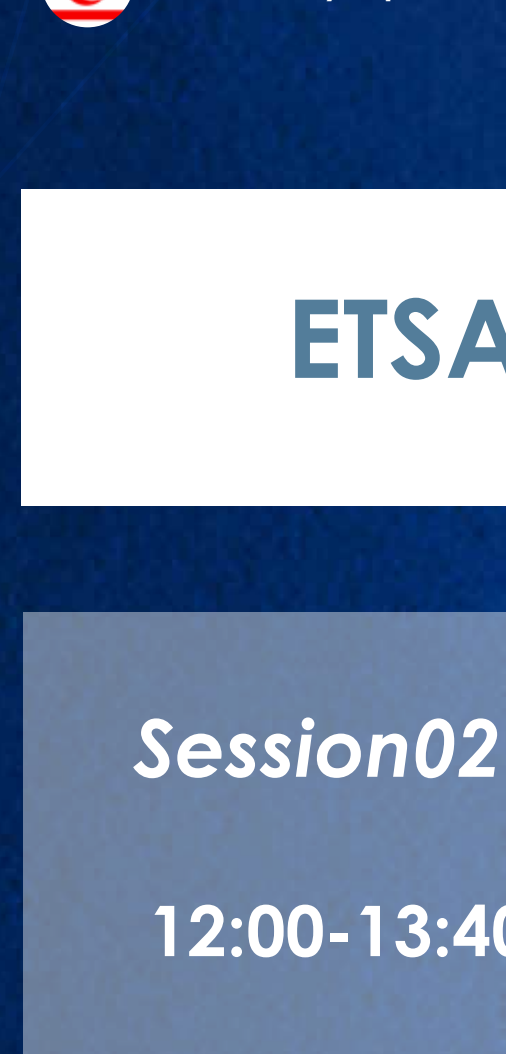
11:20-11:40AM

| **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**

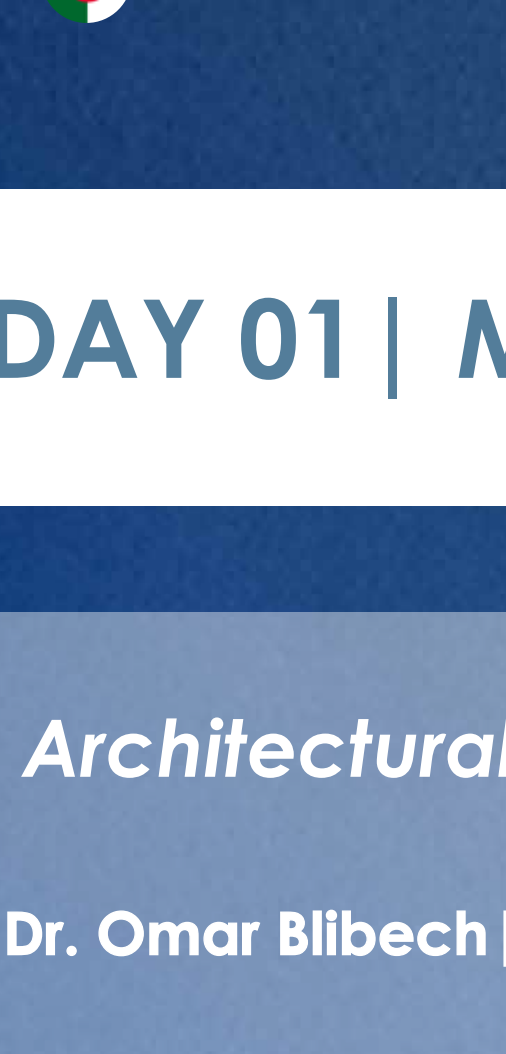
Q&A session included as last segment of each presentation.



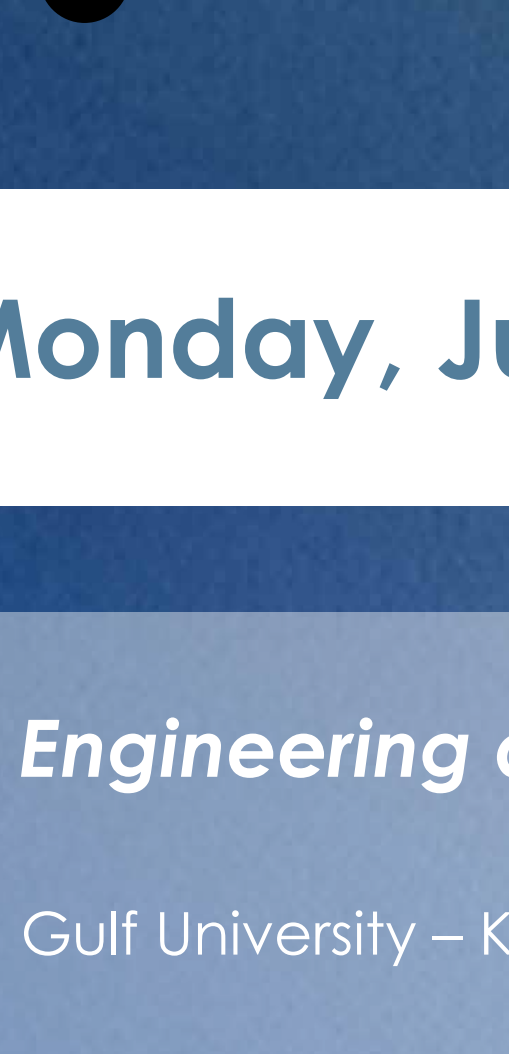
Prof. Dr. Zeynep Onur



Ahmed El-Fayoumei



Dr. Meryem Kadri



Dr. Walaa S.E. Ismaeel



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. Ruairi 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"

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



Dr. Ruairi O'Brien



Dr. Mohd Izani



Khalil Idrissi Gartoumi



Haidy Tamer



Bernard Vancen Albons

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-Hiraqi 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
Maaiad, 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.



Prof. Ana-Maria Dabija



Dr. Walaa S. E. Ismaeel



Dr. Mohd Izani



Dr. Israa A-Janabi



Dr. Yasser Yahia



Dr. Yasser Tarshany

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 University – 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.



Prof. Dr. Yasser Farghaly



Dr. Omar Blibech



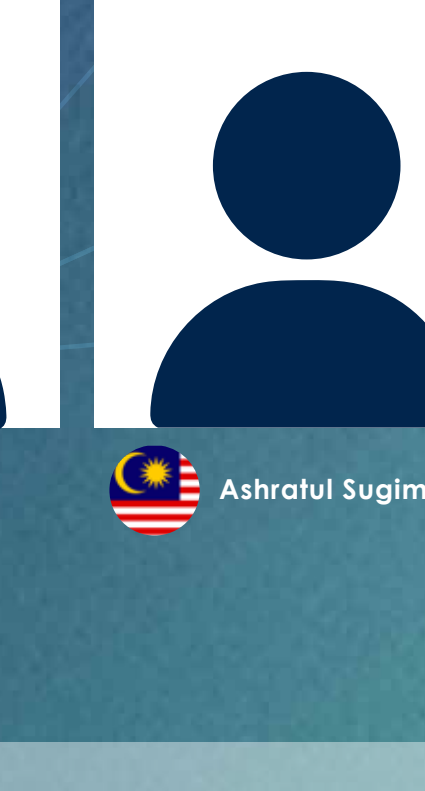
Ahmad Fazeel



Dr. Nehal Nabil Zahra



Ariessa Afandi



Ashratul Sugiman

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.Prof. Dr. Ashraf Nadheer

For Registration
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