



## International Operations & Maintenance Conference in the Arab Countries

Under the theme of  
**The Integration of Maintenance  
and Asset Management**

18<sup>TH</sup>  
EDITION

# VIRTUAL EDITION

**CALL FOR PAPER**

**15-16 December 2020**



Anywhere with  
good internet connection



ORGANIZER



ORGANIZING PARTNER



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## SUPPORTED BY



# ABOUT THE CONFERENCE



Since its inaugural edition in 2002, the **International Operations and Maintenance Conference in the Arab Countries (OMAINTEC)** has continued to be the most important professional platform within the Arab region where experts, speakers, decision-makers, academics and specialists in operations and maintenance, facilities management and asset management meet to exchange experiences, enrich knowledge and showcase the latest technologies and developments within the field worldwide.

Under the theme of **«The Integration of Maintenance and Asset Management»**, the upcoming conference edition will be done virtually for the first time since its inception due to the repercussions inflicted by the COVID 19 pandemic. Through the conference's virtual event platform, we are glad to offer speakers the chance to share with us their vision on the latest challenges, global trends, innovations and develop new procedures and technologies within the field of operations & maintenance and delegates with the ultimate unique experience virtually reproducing all live OMAINTEC event aspects.



# CONFERENCE OBJECTIVES

The conference aims at shedding the light on



**The latest international standards and methodologies** applied within the operations and maintenance industries.



**New strategies and techniques** to enhance and improve performance, reduce downtime and operational costs, increase efficiency and effectiveness while maintaining safety and fostering a distinct working environment.



**Modern and effective ways to overcome problems** by giving emphasis on the impact of digital transformation on institutions, equipment and systems.



**International and regional case studies** in the field of operations and maintenance.



## CONFERENCE MAINTOPICS

**01**

The importance of maintenance management and asset management integration

**02**

Harnessing maintenance data to improve asset management performance

**03**

Strategic maintenance planning role in assets life cycle

**04**

Maintenance management within asset management system planning

**05**

Maintenance value in improving asset requirements and solutions

**06**

Maintenance data management in defining assets

**07**

Managing critical assets through total production maintenance

**08**

Integration of maintenance, asset management and facilities management

**09**

Case studies on integration of maintenance and asset management

# OMAINTEC THEMES

The Conference agenda will contain the below main themes

## **ROADS & TRANSPORTATION SYSTEMS MAINTENANCE**

Discussing the maintenance of roads and pavement systems to maintain performance levels and securing the safety of their users. It includes regular and preventive maintenance works, upgrading performance in their operation and maintenance through the use of advanced techniques and methods in identifying the problems, assessing their impact on its users and determining their future status to insure high levels of damage repair, and preventive maintenance measures that extend the road's life expectancy.

## **WATER MANAGEMENT AND SYSTEMS MAINTENANCE**

Discussing operation and maintenance measures in water desalination systems, pumping stations, transportation networks, strategic tanks as well as sewage networks and treatment plants.

## **BUILDING MAINTENANCE AND FACILITIES MANAGEMENT**

Discussing operation and maintenance, facilities and asset management measures in buildings, facilities as well as the infrastructure works. It will also tackle operation and maintenance strategies, performance monitoring, as well as managing of operation and maintenance and facility management contracts.

## **ELECTRICAL SYSTEMS MAINTENANCE**

Discussing global trends in upgrading operation and maintenance works within electrical systems including electricity generation, transmission, distribution and control systems as well as network grids and switches.

## **COMMUNICATION SYSTEMS, SMART MAINTENANCE & CYBERSECURITY**

Discussing smart maintenance, maintenance performance improvement through asset management and the role of building information modeling (BIM) in planning maintenance and facility management works throughout the different stages in the formation of facilities.

## **MAINTENANCE SYSTEMS & MANAGEMENT**

Discussing the different measures in managing the maintenance of facilities, service plants and infrastructure services such as the integration of maintenance with asset management, maintenance standards, KPI's and global trends in the education, training and continuous development within the field. It will also discuss the latest developments in computerized maintenance management systems (CMMS) and computer-aided facility management (CAFM) systems.



## **BIOMEDICAL & CLINICAL ENGINEERING FORUM**

Discussing operation and maintenance measures for medical equipment through asset & big data management, smart maintenance, health information systems and showcasing successful regional and international experiences in the fields of medical and clinical engineering.

# CALL FOR PAPER

Researchers are invited to submit a full paper to the conference's scientific committee through the speaker's portal. Papers submitted should include the following:

- Short CV
- A clear personal photo
- Special conditions approval

## TERMS AND CONDITIONS FOR SUBMITTING FULL PAPERS:

- A full paper must be submitted as abstracts will not be accepted and should discuss one of the conference topics.
- Submitting papers must be within the assigned deadline. Any submitted request after the specified dates will not be accepted.
- Submitted papers must accommodate the required specifications in terms of type, font size and in Word format. Any paper that does not meet the required specifications will not be accepted.
- The Scientific Committee has the right not to disclose the reason of not accepting any paper.
- The submission of papers must be done through the speakers' portal and no paper will be accepted otherwise.
- All presentations submitted during the sessions will be uploaded on the virtual conference platform immediately after the conference. If a speaker wishes to amend the presentation, he/she must provide the committee with the other presentation 2 days prior to the conference.

### General Notes:

- The conference will be held virtually so speakers must be familiar with using virtual platforms such as Zoom.
- There must be high speed internet to avoid any disconnection during the presentation.
- PCs or laptops with cameras should be used while presenting.
- The duration of the presentation during the conference sessions should not exceed 20 minutes and with the necessity of using the conference presentation template (found in the speakers' portal).
- The duration of the workshop presentation during the conference should not exceed 120 minutes.
- The scientific researches and working papers will be presented to the conference's scientific committee and it has the right to refuse papers without disclosing the reasons.



**Eng. Aseem Nashwan**

Senior Mechanical Engineer Consultant  
Zuhair Fayez & Associates Consulting  
Engineers  
Saudi Arabia



**Eng. Ramy Jihad**

Research assistant  
Sharjah Research Academy  
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## and Facilities Management Forum

**Session 02**



The conference's scientific committee invites researchers, specialists & institutions to submit full papers, researches, case-studies & success stories in various aspects related to the operations & maintenance sector, rehabilitation economics, applications & experiences within the conference topics.



### PAPER SUBMISSION DEADLINES

#### **September 15<sup>th</sup> 2020**

Deadline for receiving full papers  
(Papers submitted after this date  
will not be accepted)

#### **September 30<sup>th</sup> 2020**

Final notice of accepted papers





# ADMINISTRATION BUREAU

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