



International Operations & Maintenance
Conference in the Arab Countries

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

18TH
EDITION

VIRTUAL EDITION

CONFERENCE PROGRAM

15-16 December 2020 

Anywhere with good internet connection 

ORGANIZER



ORGANIZING PARTNER



REGISTRATION
PORTAL



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نقابة المهندسين الأردنيين
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C-MORE



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Arab Administrative
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نقابة المهندسين
المصرية



DAY 01

Tuesday 15 Dec 2020

DAY 01

TUESDAY 15 DEC 2020

11:00 – 11:20

OPENING SESSION

Dr. Mohammed Alfouzan

Chairman, Arab Operations and Maintenance Council, Saudi Arabia

Dr. Zohair Alsarraj

Conference chair, Saudi Arabia

Dr. Alan Wilson

International Maintenance Expert, Director, Carmichael Smith Ltd, UK

11:20 – 11:30

BREAK

11:30 – 12:30

TWO PARALLEL SESSIONS (1&2)

Roads & Transport Systems Maintenance

Chairman

Prof. Mufid Samarai

Senior Advisor, Sharjah Research Academy, UAE

Transportation Systems:

Asset Management & Maintenance in Volatile Demand

Simone Bernasconi

Managing Director, MobLab, Switzerland

Optimizing Bridge Maintenance Management Based on Routine Inspection Data: Role of Hazard Modelling

Prof. Andrew Jardine

Professor Emeritus, University of Toronto, Canada

Eng. Gaowei Xu

Phd Student, University of Toronto

Decision Support System in Maintenance Using Combined Graph Theory and House of Quality

Dr. Moustafa Kassab

University Professor, University of Waterloo, Canada

Water Management and Systems Maintenance

Chairman

Prof. Rifaat Abdel Wahaab

Head Sector, R & D, Holding Co. for Water & Wastewater, Egypt

Condition Monitoring Using the Variable Speed Drive as a Sensor

Dr. Norbert Hanigovszki

Technology Director, Danfoss Drives, Denmark

Facility Management is an Investment, not a Cost

Eng. Ibrahim Al Abbassy

Facility Management Division Manager

Almodon Alarabia Holding, Jordan

Case Story on the Integration of Maintenance and Asset Management from a Water Supply Company

Eng. Tom Svantesson

CEO, TSMC, Denmark

12:30 – 12:45

MEETING HUB



DAY 01

TUESDAY 15 DEC 2020

12:45 - 13:45

TWO PARALLEL SESSIONS (3&4)

Building Maintenance, and Facilities Management

CHAIRMAN

Eng. Esmat Eisa

Board Member, Arab Operation and Maintenance Council, Saudi Arabia

Maintenance Value in Improving Asset Requirements and Solutions

Mohamad Abou Laban

CEO, Deyaar Facilities Management L.L.c, UAE

Facilities, Maintenance & Management Trends of the 4th Industrial Revolution

Eng. Shauquat Alam

President, Sidco UK, Saudi Arabia

Maintenance & Asset Management Intergration in Buildings for Collective Use

Dr. Álvaro Vale e Azevedo

Head of Unit, Lnec National Laboratory For Civil Engineering, Portugal

Electrical Systems Maintenance

CHAIRMAN

Eng. Waleed AlSaadi

Engineering Vice President, National Grid SA Saudi Arabia

Designing Safe and Reliable Electrical Asset Management Programs

Martin Robinson

CEO, Iriss Group, United States

Optimal Sizing and Location of PV Distributed Generation in Transmission System Using Particle Swarm Optimization: Layla Town Case Study

Eng. Abdulilah Alsaeedi

Transmission Engineer, National Grid SA Saudi Arabia

Measurement Management System for Reliable Maintenance Program

Waleed AlFaris

Director of Business Development, GCC Electrical Testing Laboratory, Saudi Arabia

13:45 - 14:00

MEETING HUB

14:00 - 15:00

PANEL DISCUSSION

Facilities Management Role in Spending Efficiency

Dr. Isam Kabani

Consultant and Expert, in Maintenance and Facilities Management, Saudi Arabia

Eng. Esmat Eisa

Board Member, Arab Operation and Maintenance Council, Saudi Arabia

15:00 - 15:15

MEETING HUB

15:15 - 16:15

TWO PARALLEL WORKSHOPS

WORKSHOP 1

A Water Utility Sewerage Treatment Workshop to Deliver Asset Optimisation Performance using the TPM System of Work by Working in Partnership with Operations & Maintenance (Part 1)

Eng. Peter Willmott

Associate Partner, SA Partners, United Kingdom

Eng. Andy Brunskill

Partner And Global Tpm Lead, SA Partners United Kingdom

WORKSHOP 2

The Optimal Management for Planning the Maintenance Activities

Dr. Tarek Nasab

Assistant Professor

Lebanese International University, Lebanon



DAY 02

Wednesday 16 Dec 2020

DAY 02

Wednesday 16 Dec 2020

11:00 – 12:00

TWO PARALLEL SESSIONS (5&6)

Biomedical and Clinical Engineering

CHAIRMAN

[Dr. Ibrahim Andijani](#)

**Certified Hospital FMS Surveyor
Consultant Biomedical Engineer**

Prince Sultan Military Medical City, Saudi Arabia

Outsourcing Medical Equipment Services Advantages and Disadvantages

[Bassam Tabshouri](#)

Chairman, HTMA-LHMA, Lebanon

[Dr. Binseng Wang](#)

Partner, BSI, United States

Optimizing Medical Technology Through Life Cycle Asset Management

[Malek El Hussein](#)

Regional Director, Middle East, UCLA Health, UAE

Artificial Intelligence & Medical Devices

[Eng. Sundaram Ramnath](#)

Managing Director, Healthtech 360 Llp, India

Communication Systems, Smart Maintenance and Cyber Security

CHAIRMAN

[Dr. Tarek Nasab](#)

Assistant Professor, Lebanese International University, Lebanon

The Artificial Intelligence for Maintenance 4.0: the Unsupervised Machine Learning Applied to Maintenance Optimization Schedule Based on Pumps Bearing Remaining Useful Life Prediction

[Dr. Eduardo Calixto](#)

**CEO & Founder – Asset Management
& Reliability Expert**, ECC, Germany

Remote Management for On-Site Work

[Dr. Ibrahim Alharthi](#)

It Department Manager, Saudi Binladin Group – Operation & Maintenance, Saudi Arabia

Smart City & National IoT Operator

[Rob Bullock](#)

Chief Sales Officer, Connexin, United Kingdom

12:00 – 12:15

MEETING HUB

12:15 – 13:15

TWO PARALLEL WORKSHOPS

WORKSHOP 3

A Water Utility Sewerage Treatment Workshop to Deliver Asset Optimisation Performance using the TPM System of Work by Working in Partnership with Operations & Maintenance (Part 2)

[Eng. Peter Willmott](#)

Associate Partner, SA Partners, United Kingdom

[Eng. Andy Brunskill](#)

Partner And Global Tpm Lead, SA Partners United Kingdom

WORKSHOP 4

Maintenance Processes and the Associated Indicators to Measure the Maintenance Processes

[Eng. Tom Svantesson](#)

CEO, TSMC, Denmark

13:15 – 13:30

MEETING HUB



DAY 02

Wednesday 16 Dec 2020

13:30 – 14:30

SESSION 7

Maintenance Systems & Management

CHAIRMAN

Eng. Mohammed Abu Afifa

Secretary General, Jordan Engineers Association, Jordan

Developing an International Standard for Gearbox Vibration Monitoring

Eng. Simon Mills

Managing Director, SpectrumCBM Ltd, United Kingdom

Maintenance: The Key Player for Asset Management

Majed Alsadah

National Grid SA, Saudi Arabia

Innovating Two Design of Maintenance Card by Using RFID technology and OMR Form

Eng. Mashhor Alharthi

Site Supervisor, Strategic Missile Force In Moda, Saudi Arabia

14:30 – 14:35

BREAK

14:35 – 15:35

SESSION 8

Maintenance Systems & Management

CHAIRMAN

Prof. Emad Shublaq,

SAVE-Int. in Australia & New Zealand, President, Australia

The 10 Most Important Factors Towards a Successful Cafm / Cmms Project Implementation

Andreas Hadjoannou

Director, Virtual IT, United Arab Emirates

The Role of the Maintenance Science in the Proactive Management of Assets

Dr. Muhsin Ben Hassounah

Associate Professor, Civil Eng. Dept., University of Benghazi, Libya

Applications of Unmanned Aerial Vehicles (UAVs) in Construction Industry: an Overview

Eng. Omar Alnuaimi

Researcher, Sharjah Research Academy, United Arab Emirates

15:35 – 15:55

Annual Assembly Meeting of the OMAINTEC Members

15:55 – 16:00

BREAK

16:00 – 17:00

TWO PARALLEL WORKSHOPS

WORKSHOP 5

Maintenance Processes as a Lever to Increase Maintenance and Reliability Performance

Eng. Tom Svantesson

CEO, TSMC, Denmark

WORKSHOP 6

The Relationship between Facilities Management and Property Management

Eng. Simon Long

Senior Manager, Expo2020, UAE

17:00

CLOSING SESSION