

Under the patronage of HRH Prince Faisal bin Bandar bin Abdulaziz
Governor of the Riyadh Region



The 23rd International Asset Facility and Maintenance Management Conference



Under the Theme
Building the Future of Smart Assets & Facilities
Unlocking the Power of Digital Twinning

CONFERENCE PROGRAM

12-14 January 2026

Sofitel Riyadh Hotel, Princess Nouf bint Abdulaziz International
Convention Centre, Saudi Arabia

Organized by

OMAINTEC In Partnership
with
المجلس العربي لإدارة الأصول والمرافق والصيانة
Arab Asset, Facility and Maintenance Management Council



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DAY 01: Monday 12 January 2026

07:00 - 16:00	REGISTRATION & NETWORKING		
09:00 - 10:00	THREE PARALLEL WORKSHOPS		
	Workshop 01 (Althummama Hall): Governance and Data Management of Riyadh's Infrastructure Assets (From Source to Value)	Workshop 02 (Aljanadriyah Hall): PropFinTech: Practical Applications of Property & Financial Technology for Smart Facility Management	Workshop 03 (Alinsaniah Hall): Upskilling Protection Engineers with High Fidelity Digital Twins (HFDT): A Joint Industry and Training Institute Initiative
10:00 - 10:30	Break		
10:30 - 11:30	THREE PARALLEL WORKSHOPS		
	Workshop 04 (Althummama Hall): Integrated Asset Maintenance & Reliability Management	Workshop 05 (Aljanadriyah Hall): From Digital Transformation to Intelligent Maintenance: Leveraging Generative AI for Strategy and Optimization	Workshop 06 (Alinsaniah Hall): Artificial Intelligence in Smart Maintenance and Operation
11:30 - 12:15	Break		
12:15 - 13:30	OPENING CEREMONY (Main Hall)		
13:30 - 14:15	Lunch (Hosted by SEDER GROUP)		
14:15 - 15:15	Panel Discussion (Main Hall): International Experiences in Establishing Regulations and Building Standards for Facility Management		
15:15 - 15:45	Prayer		
15:45 - 16:30	PARALLEL SESSION & WORKSHOP		
	Session 01 (Main Hall): Digital Twinning to Improve Smart Building Management Efficiency	15:30 - 17:15	Workshop 07 (Alinsaniah Hall): Digital Transformation in Facility Management: From Training to Application
16:30 - 17:15	Session 02 (Main Hall): Enhancing Predictive Maintenance Through Digital Twin and Artificial Intelligence		
17:15	Closing of the First Day		

DAY 02: Tuesday 13 January 2026

07:00 - 16:00	REGISTRATION & NETWORKING	
08:00 - 09:00	THREE PARALLEL WORKSHOPS	
	Workshop 08 (Althummama Hall): Building the future of educational Facilities by leveraging AI and the IoT Technologies	Workshop 09 (Aljanadriyah Hall): From Reactive Chaos to Predictive Power: Building the Maintenance Intelligence Layer
09:00 - 09:30	Break	
09:30 - 10:15	PARALLEL SESSION & WORKSHOP	
	Session 03 (Main Hall): Digital Twins: Shaping the Future of Smart Transportation	09:30 - 10:30 Workshop 11 (Alinsaniah Hall): Mastering Fixed Assets Management
10:15 - 11:15	PARALLEL SESSION & WORKSHOP	
	Session 04 (Main Hall): Digital Transformation & Resilient Smart Grid	Workshop 12 (Althummama Hall): The Construction and Implementation Path of a New TPM-Based Preventive Maintenance Model in Lights-out Factories
11:15 - 11:30	Break	
11:30 - 12:15	PARALLEL SESSION & WORKSHOP	
	Session 05 (Main Hall): Digital Twin and Building Information Modeling: Redefining Smart Building Maintenance	11:30 - 12:30 Workshop 13 (Alinsaniah Hall): Safety Risk Management & AI: How is AI Changing Risk Models, and What Responsibilities does this Create?
12:15 - 13:15	Lunch (Hosted by Saudi Electricity Company)	
13:15 - 14:05	Panel Discussion (Main Hall): Regional Experiences in Asset, Facility and Maintenance Management	
14:05 - 15:05	PARALLEL SESSION & WORKSHOP	
	Session 06 (Main Hall): Digital Twin and Data Analytics to Improve Asset Management	Workshop 14 (Alinsaniah Hall): Digital Twin Applications in Laboratory Facility Management: Challenges and Opportunities
15:05 - 15:35	Prayer	
15:35 - 16:35	PARALLEL SESSION & WORKSHOP	
	Session 07 (Main Hall): Developing Professional Competencies Using Digital Twin and Artificial Intelligence	Workshop 15 (Alinsaniah Hall): Strategies and Best Practices in Cleaning Through the BICSc Training and the 3E Program
16:35 - 17:20	Session 08 (Main Hall): Digital Twinning to Improve Smart Resource Management and Sustainability	
17:20	Closing of the Second Day	

DAY 03: Wednesday 14 January 2026

07:00 - 12:00	REGISTRATION & NETWORKING			
08:00 - 09:00	FOUR PARALLEL WORKSHOPS			
	Workshop 16 (Main Hall): A Blueprint for Digital Twin Adoption in FM – from Strategy to Execution	Workshop 17 (Alinsaniah Hall): The Reliability requirement definition based on RAM Analysis and FMEA: The basis for railway equipment future high performance	Workshop 18 (Althummama Hall): Data-Driven Strategies for Effective Asset Management	Workshop 19 (Aljanadriyah Hall): Digital Twin Applications as a Foundation for Proactive Maintenance Using Artificial Intelligence and Superiority in Facility Management and Sustainable Asset Operation
09:00 - 09:30	Break			
09:30 - 10:30	PARALLEL SESSION & WORKSHOP			
	Session 09 (Main Hall): Predictive Maintenance and Sustainable Energy System		Workshop 20 (Alinsaniah Hall): Enhancing Road Quality through Advanced Systems and Modern Technologies	
10:30 - 11:15	PARALLEL SESSION & WORKSHOP			
	Session 10 (Main Hall): Digital Twins and Risk Management: Enhancing Sustainability and Resilience in Infrastructure		10:30 - 11:30 Workshop 21 (Althummama Hall) Integrating Master Data Governance into Automated Data Driven Operations	
11:15 - 11:30	Break			
11:30 - 12:15	Session 11 (Main Hall): Artificial Intelligence and Predictive Analytics for Advancing Transportation and Sustainable Road Maintenance Work		11:30 - 12:30 Workshop 22 (Alinsaniah Hall) Digital Twin as a Game-Changer for Asset & Facility Management in Saudi Arabia: A Practical Geospatial Framework	
	Prayer			
12:15 - 12:30	Prayer			
12:30 - 13:15	Session 12 (Main Hall): Digital Twins and Advanced Technologies: Enhancing Efficiency in Infrastructure Maintenance			
13:15 - 14:15	Panel Discussion (Main Hall): The Public Sector's Vision for Digital Transformation in Asset, Facility, and Maintenance Management			
14:15 - 14:45	General Assembly Meeting of OMAINTEC Council (Main Hall)			
14:45 - 15:00	Closing Session (Main Hall)			
15:00	Lunch (Hosted by AlMajal Alarabi Holding Company)			



DAY 01
12 January 2026

Three Parallel Workshops

09:00 – 10:00

Workshop 01
(Althummama Hall):
Governance and Data Management of Riyadh's Infrastructure Assets (From Source to Value)

Eng. Ibrahim Albishi

Assistant Undersecretary for Asset and Facilities Management
Riyadh Region Municipality
Saudi Arabia

Eng. Hamad Al-Khathlan

Director of Asset System and Evaluation Department
Riyadh Region Municipality
Saudi Arabia

Workshop 02
(Aljanadriyah Hall):
PropFinTech: Practical Applications of Property & Financial Technology for Smart Facility Management

Bandar Faden

PropTech Consultant
CAFM-IMS
Saudi Arabia

Workshop 03
(Alinsaniah Hall):
Upskilling Protection Engineers with High Fidelity Digital Twins (HFDT): A Joint Industry and Training Institute Initiative

Eng. Andrea Bonetti

Teacher for Relay Protection III course, STF Sweden
Senior Application Engineer
Megger Sweden
Sweden

Eng. Ali Husain

Business Unit Leader – Protection,
Megger Middle East, Bahrain

Eng. Dhanabal Mani

Director, Relay Software Development,
Megger Dallas, United States

Eng. Khaleel Al-Adani

Head of Electrification & Automation Products, SIEMENS Ltd Saudi Arabia

Eng. Hamdan Almkhalas

Country Sales Manager, Megger
Saudi Arabia

Break

10:00 – 10:30

Three Parallel Workshops

10:30 – 11:30

Workshop 04
(Althummama Hall):
Integrated Asset Maintenance & Reliability Management

Eng. Amer Nasr

Manager, Technical Training
Alfanar Engineering Services
Saudi Arabia

Workshop 05
(Aljanadriyah Hall):
From Digital Transformation to Intelligent Maintenance: Leveraging Generative AI for Strategy and Optimization

Prof. Adolfo Crespo Marquez

Full Professor
Universidad De Sevilla
Spain

Workshop 06
(Alinsaniah Hall):
Artificial Intelligence in Smart Maintenance and Operation

Eng. Amal Al-Jahni

Specialist in Architectural Projects
Ruh Al-Amal Foundation
Saudi Arabia

Break

11:30 – 12:15

Opening Ceremony (Main Hall)

12:15 – 13:30

Lunch (Hosted by SEDER GROUP)



13:30 – 14:15

Panel Discussion (Main Hall): International Experiences in Establishing Regulations and Building Standards for Facility Management

14:15 – 15:15

Moderator: Craig Demanuele

Advisor, The Woodhouse Partnership, United Kingdom

Duncan Waddell

Managing Director, FM Intelligence Pty Ltd, International Chairman of ISO/TC 267 – Facility Management, Australia

Lara Paemen

Managing Director, IFMA EMEA, Belgium

Whynde Kuehn

Founder and Managing Director, S2E Transformation Inc., United States

Mania Kia

The British Institute of Cleaning Science (BICSc)

Prayer

15:15 – 15:45

Parallel Session & Workshop

Session 01 (Main Hall):

15:45 – 16:30

Digital Twinning to Improve Smart Building Management Efficiency

Chairman: Eng. Suleiman Barada

Managing Partner, xeevolve, Qatar

Integrating Digital Twins in Smart Buildings

Dr. Abdelkarim Rizk

General Manager of Maintenance Operations & Facility Services, Al-Majal Al-Arabi Holding Company, Saudi Arabia

Data as the New Fuel: Driving Facility Management Efficiency Through Smart Information Management

Abdeslam Koubaa

Consultant, P2Q, Oman

Towards Smart Facilities: Bridging the Gap Between Theory and Application Through a Digital Twin Model to Support Decision-Making in Facility Management

Eng. Mohammed Siddig

Facility Manager, Alrasikhat Real Estate Investment Co., Saudi Arabia

Workshop 07 (Alinsaniah Hall):

15:30 – 17:15

Digital Transformation in Facility Management: From Training to Application

Eng. Mazin Shapo

Head of Facilities & Asset Management Consultant
Torozz
Saudi Arabia

Eng. Mahmoud Al-Mousli

Facility Management Consultant
Andersen
Saudi Arabia

Session 02 (Main Hall): Enhancing Predictive Maintenance
Through Digital Twin and Artificial Intelligence

16:30 – 17:15

Chairman: Eng. Mohammed Abu Afifeh

Board Member, Arab Asset, Facility and Maintenance Management Council (OMAINTEC), Jordan

Digital Twins in Maintenance Management: State-Of-The-Art Frameworks and Applications

Eng. Rami Alsodi

Senior Researcher, Department of Public Works, United Arab Emirates

Integration of Digital Twins and AI Models to Support Decision-Making in Enhancing the Effectiveness of Predictive Maintenance Applications within Asset Management

Eng. Waleed Nazhat

Chief Engineer, Baba Karkar Association for Turkmen Engineers, Iraq

Digital Twin Applications in Predictive Maintenance Management Using Artificial Superiority (AS)

Prof. Hossam Elborombaly

Former Head of Architecture Department, Ain Shams University, Egypt

Closing of the First Day

17:15



DAY 02
13 January 2026

Three Parallel Workshops

08:00 - 09:00

Workshop 08
(Althummama Hall):
Building the future of educational Facilities by leveraging AI and the IoT Technologies

Muhamad Alwan
FM Project Director
Al Bawani Services
Saudi Arabia

Workshop 09
(Aljanadriyah Hall):
From Reactive Chaos to Predictive Power: Building the Maintenance Intelligence Layer

Eng. Kingkof Opoku-ohemeng
Global Asset Management
Leader
KIS PLUS - RCY
United Kingdom

Workshop 10
(Alinsaniah Hall):
The H2 Educator: Building Confidence Through Hands-On Hydrogen Training

Eng. Davide Hanselmann
CEO
Easy Energy Companies
& Consulting Sa
Switzerland

Break

09:00 - 09:30

Parallel Session & Workshop

Session 03 (Main Hall): 09:30 - 10:15
Digital Twins: Shaping the Future of Smart Transportation

Chairman: Eng. Basim Sayel Mahmoud
Secretary General, Arab Asset. Facility and
Maintenance Council, Saudi Arabia

Enhancing Digital Twin Performance in Transportation Infrastructure Management

Eng. Hussain Helmi
Business Development Engineer
Kharetat Alenmaa, Egypt

Integrating Digital Twin and Strategic Transport Models: Lessons from London

Dr. Mo'men Abdel-Qader Ebrahim
Lecturer, Department of Building Restoration, Higher
Institute for Tourism, Hotels, and Restoration of
Monuments in Abu Qir (AHI), Alexandria University
Egypt

Digital Twin-Based Assessment of Vehicle Emissions and Air Quality Impacts in Road Construction Work Zones in Saudi Arabia

Dr. Fawaz Alharbi
Associate Professor, Qassim University, Saudi Arabia

Workshop 11 (Alinsaniah Hall): 09:30 - 10:30
Mastering Fixed Assets Management

Sami Haroun
Fixed Assets Regional Director
WAFY
Saudi Arabia

Session 04 (Main Hall): **Digital Transformation & Resilient Smart Grid**

Chairman: Dr. Nawaf Al-Sahmah

Telecom Services Department Manager
National Grid SA, Saudi Arabia

Asset Performance Management in Power Generation, Digital Twin Deployment on Gas Turbines

Eng. Yahia Roshdi Daif

Asset Management Expert, Saudi Electricity Company (SEC), Saudi Arabia

Enabling Grid Resilience and Security: An Intelligent and Distributed Transformer Monitoring Framework Using IoT, AI/ML, and Edge Computing

Akshat Kulkarni

Founder, Orxagrid Ltd., United Kingdom

Integrating Circular Economy and ESG with Asset Management in University Facilities: Towards More Sustainable and Efficient Energy Management

Eng. Mohammed AL-Hajj

Facility Engineer, Sulaiman Alrajhi University
Al Bukayriyah-qassim, Saudi Arabia

IoT-Based Energy Management in a Laboratory-Scale Smart Microgrid Test Bench

Prof. Hamid Bentarzi

Professor, Boumerdes University, Algeria

Workshop 12 (Althummama Hall):
The Construction and Implementation Path of a New TPM-Based Preventive Maintenance Model in Lights-out Factories

Prof. Baoqiang Xu

Associate Professor
Guangzhou University
China

Break

11:15 – 11:30

Parallel Session & Workshop

Session 05 (Main Hall):

11:30 – 12:15

Digital Twin and Building Information Modeling: Redefining Smart Building Maintenance

Chairman: Eng. Ondrej Stejskal

Logistics Program Manager, European Federation of National Maintenance Societies (EFNMS)
Czech Republic

Maintenance and Digital Twin Technology for Smart Building Management

Prof. Mufid Samarai

Senior Advisor, Sahara Group, United Arab Emirates

An Integrated BIM - Value Engineering Driven Framework for Enhancing Real-Time Decision Making in Building Maintenance

Eng. Saeed Alaw

Master's Student at Imam Abdulrahman Bin Faisal University, Al Khobar, Saudi Arabia

From Physical to Virtual: Transforming Facilities Management Using Digital Twin Technology

Prof. Mohamed Abdelhamid

Professor of Urban Planning & GIS se Former, Vice Dean of Graduate Solutions, Al-Azhar University Faculty of Engineering, Egypt

Workshop 13 (Alinsaniah Hall):

11:30 – 12:30

Safety Risk Management & AI: How is AI Changing Risk Models, and What Responsibilities does this Create?

Eng. Simone Bernasconi

Founder & CEO

Avelle

Switzerland

Lunch (Hosted by Saudi Electricity Company)



الشركة السعودية للكهرباء
Saudi Electricity Company

12:15 – 13:15

Panel Discussion (Main Hall): Regional Experiences in Asset, Facility and Maintenance Management

13:15 – 14:05

Chairman: Dr. Isam Kabbani

Deputy Chairman, SAFMMA, Saudi Arabia

Application of Artificial Technologies (AI) in FM services in Oman

Dr. Badar ALRashdi

FM Expert, Wakan Sustainability, Oman

A Sensor-based Multimodal Wireless Expert Crowd Monitoring and Management Framework for Smart Hajj

Eng. Mohammad Faiz Chikh Awad

Co-founder and General Director, Bushra Novel Answers for Communications and Information Technology Saudi Arabia

From Data to Decisions: A Federal Platform for Addressing Traffic Congestion on the UAE's Federal Road Network (Digital Transformation Without Bureaucracy)

Eng. Noura Alhouli

Director of Federal Roads Control Center, Ministry of Energy and Infrastructure, United Arab Emirates

Artificial Intelligence in Facility Management: Enhancing Operations in the GCC

Mohamed Saadeh

General Manager, Darwish Interserve Facility Management W.L.L., Qatar

Parallel Session & Workshop

14:05 – 15:05

Session 06 (Main Hall): Digital Twin and Data Analytics to Improve Asset Management

Chairman: Eng. Tomáš Hladík

Principal Consultant, Logio s.r.o., IMA, EFNMS
Czech Republic

Data-Driven Decisions and the use of Technology (Digital Twins) in Decision-Making

Eng. Sulaiman Al Ismaili

Specialist in Engineering Services, MSc Engineering
Management, Oman

A 2025 Survey and Trend Analysis of Equipment Management in Chinese Enterprises

Prof. Baowen Li

Chairman, Huamou Consulting Technology (shenzhen)
Co., Ltd, China

Leveraging Digital Twin Technology with Big Data Analytics for Enhanced Asset Management

Eng. Shima Fahima

Chief Business Development, EasyEnergy, Switzerland

Workshop 14 (Alinsaniah Hall): Digital Twin Applications in Laboratory Facility Management: Challenges and Opportunities

Eng. Osama Alkhani

Senior Consultant
Saudi Food and Drug Authority (SFDA)
Saudi Arabia

Prayer

15:05 – 15:35

Parallel Session & Workshop

15:35 – 16:35

Session 07 (Main Hall): Developing Professional Competencies Using Digital Twin and Artificial Intelligence

Chairman: Dr. Rania Salah

Ceo & Managing Director
The Specialist for Engineering Consultancy, Egypt

Industry, Digitalization, AI and Demographics: A Cocktail for Maintenance Education of the Future

Eng. Tomáš Hladík

Principal Consultant, Logio s.r.o., IMA, EFNMS
Czech Republic

Future Training Through Digital Twinning to Enhance Professionals' Capabilities in ISO Management Systems & Project Management

Eng. Hamid Yagoub

Founder & CEO, HAYAC L.L.C Consultancy, Sudan

AI-Augmented Digital Twin Framework for Human-Centered Continuing Education

Dr. Asma Nusairi

Director of Continuing Education Center & Assistant Professor in Management, University of Sharjah
United Arab Emirates

AI in Operations and Maintenance: Driving Efficiency, Reliability, and Future Engineering Competencies

Eng. Mohamed Rashad

SR. Manager Technical Training & Development
Alfanar Engineering services, Saudi Arabia

Workshop 15 (Alinsaniah Hall): Strategies and Best Practices in Cleaning Through the BICSc Training and the 3E Program

Mohamed Kishawy

Head of Bicsc & Consultation Department
Etihad Pioneers (SaveFast KSA)
Saudi Arabia

Parallel Session & Workshop

Session 08 (Main Hall): Digital Twinning to Improve Smart Resource Management & Sustainability

16:35– 17:20

Chairman: Dr. Ayman Alwaleedi

Board Member, Arab Asset, Facility and Maintenance Management Council (OMAINTEC), Saudi Arabia

Turning Contradictions into Opportunities: Systematic Innovation for Sustainable Water Systems

Eng. Marco Tatti

General Manager, Ttech Srl, Italy

Enabling The Digital Backbone - An Infrastructure-Driven Digital Twinning Model in A Smart Industrial City

Eng. Kingkof Opoku-ohemeng

Global Asset Management Leader, KIS PLUS - RCY, United Kingdom

Advancing Drinking Water Distribution Systems Through Smart Water Applications: Insights, Benefits, and Lessons Learned

Eng. Ali EL-Turki

University Lecturer, University of Benghazi, Libya

Closing of the Second Day

17:20



DAY 03
14 January 2026

Four Parallel Workshops

08:00 - 09:00

Workshop 16 (Main Hall):
A Blueprint for Digital Twin Adoption in FM – from Strategy to Execution

Eng. Suleiman Barada
Managing Partner - MEA
S2E Transformation Inc.
United States

Workshop 17 (Alinsaniah Hall):
The Reliability requirement definition based on RAM Analysis and FMEA: The basis for railway equipment future high performance

Dr. Eduardo Calixto
CEO
Eduardo Calixto Consulting UG
Germany

Workshop 18 (Althummama Hall):
Data-Driven Strategies for Effective Asset Management

Eng. Shukri Habib
Managing Director
Qualiserv
Lebanon

Workshop 19 (Aljanadriyah Hall):
Digital Twin Applications as a Foundation for Proactive Maintenance Using Artificial Intelligence and Superiority in Facility Management and Sustainable Asset Operation

Prof. Hossam Elborombaly
Former Head of Architecture Department
Ain Shams University
Egypt

Break

09:00 - 09:30

Session 09 (Main Hall):
Predictive Maintenance and Sustainable Energy System

Chairman: Prof. Mohamed Alqarni

Vice President for Academic Affairs, University of Business and Technology, Saudi Arabia

The role of artificial intelligence in the maintenance of assets for transmission substations to enhance the efficiency of electricity networks in the Gulf States

Abdulsalam Al-Marei

Section Head, Maintenance Planning & Technical Support, National Grid Sa, Saudi Arabia

From Predictive Maintenance to Sovereign Asset Performance: Rethinking value chains for a Resilient, Low-Carbon, and Secure Industry 5.0

Eng. Samira Ben Ali

President, MARAMM, France

Leveraging Artificial Intelligence for Carbon Emissions Trading and Net-Zero Achievement in The Kingdom of Saudi Arabia - SNCP

Dr. Mostafa El Hawary

Business Development Department Manager
NAMAA Consult, Saudi Arabia

Slope Energy Storage Systems (SESS) in deserts

Dr. Sergio Olivero

Head of Finance & Business Innovation
Energy Center of The Politecnico di Torino, Italy

Workshop 20 (Alinsaniah Hall):
Enhancing Road Quality through Advanced Systems and Modern Technologies

Eng. Mahdi AlBattar

Project Director
Riyadh Region Municipality
Saudi Arabia

Eng. Zabin Alodayani

Project Manager
Riyadh Region Municipality
Saudi Arabia

Parallel Session & Workshop

Session 10 (Main Hall): 10:30 - 11:15

Digital Twins and Risk Management: Enhancing Sustainability and Resilience in Infrastructure

Chairman: Eng. Simone Bernasconi

Founder & Ceo, Switzerland

Digital Twin and Data-Based Risk Evaluation & Claims Adjustment in Engineering Insurances

Eng. Daniel Pfammatter

Chairman, Easy Energy Companies & Consulting SA
Switzerland

Critical Infrastructure in Mountain Areas in the Era of Climate Change – A Multifaceted Challenge

Prof. Claudio Rolandi

Principal, Academia s.a.s., Italy

Digital Facility Design - Risk Mitigation Through Premises and Interfaces

Eng. Ondrej Stejskal

Logistics Program Manager, European Federation
of National Maintenance Societies (EFNMS)
Czech Republic

Workshop 21 (Althummama Hall): 10:30 - 11:30

Integrating Master Data Governance into Asset Lifecycle Management for Automated Data Driven Operations

Ahmad Al Fahaid

Application Development Analyst
Saudi Electricity Company
Saudi Arabia

Break

11:15 – 11:30

Parallel Session & Workshop

Session 11 (Main Hall): 11:30 - 12:15

Artificial Intelligence & Predictive Analytics for Advancing Transportation & Sustainable Road Maintenance

Chairman: Prof. Mufid Samarai

Board Member, Arab Asset, Facility and Maintenance
Management Council (OMAINTEC), Senior Advisor,
Sahara Group, United Arab Emirates

Sustainable Road Maintenance Optimization Using Predictive Analytics & Digital Twin Technology

Eng. Agamy Ibrahim

Projects Manager, Kharetatalenmaa, Saudi Arabia

Implications of AI for the Public Transportation Systems

Eng. Simone Bernasconi

Founder & CEO, Avelle, Switzerland

Digitization of Transportation Infrastructure: Practices and Insights

Dr. Ali Bin Abdullah AlSahli

Expert Transportation Engineer, Advanced Company
for Engineering Consultancy (AdEC), Saudi Arabia

Workshop 22 (Alinsaniah Hall): 11:30 - 12:30

Digital Twin as a Game-Changer for Asset & Facility Management in Saudi Arabia: A Practical Geospatial Framework

Eng. Mohamed Al-Shehri

CEO
Precision Geomatics Engineering PGC
Saudi Arabia

Hadeer Zidan Hasan

Business Development Manager
Precision Geomatics Engineering PGC
Saudi Arabia

Prayer

12:15 - 12:30

Session 12 (Main Hall): **Digital Twins and Advanced Technologies: Enhancing Efficiency in Infrastructure Maintenance**

12:30 - 13:15

Chairman: Mohamed Saadeh

General Manager Darwish Interserve Facility Management W.L.L., Qatar

An Integrated BIM-AR Framework for High-Rise Building Maintenance in Saudi Arabia

Dr. Altayeb Qasem

Professor, Building Engineering Department, Imam Abdulrahman Bin Faisal University (IAU), Saudi Arabia

Drone Technology: A Digital Twin Concept for Improving Operational Efficiency in Preservation Projects

Eng. Islam Elghonaimy

Coordinator of the Postgraduate Programs, Professor of Architecture, University of Bahrain, Bahrain

Generative AI Challenges: Data Leaks, Shadow AI, And Regulatory Responses

Eng. Mustapha Annouh

CEO, Shield Ai, Belgium

Panel Discussion (Main Hall): **The Public Sector's Vision for Digital Transformation in Asset, Facility, and Maintenance Management**

13:15 - 14:15

Moderator: Prof. Ibrahim Al-Harkan

Professor at Industrial Engineering Department, College of Engineering, King Saud University, Saudi Arabia

Dr. Noura Abothneen

General Manager of Shared Services, Saudi Council of Engineers, Saudi Arabia

Eng. Nawaf Al-Otaibi

General Director of the General Department of Operation and Maintenance, Ministry of Municipalities and Housing, Saudi Arabia

Eng. Sultan Al-Subaie

General Director of the General Department of Operation and Maintenance, Ministry of Environment, Water and Agriculture, Saudi Arabia

Eng. Husam Bashwih

Facilities Management Director, Ministry of Hajj and Umrah, Saudi Arabia

General Assembly Meeting of OMAINTEC Council (Main Hall)

14:15 - 14:45

Closing Session (Main Hall)

14:45 - 15:00

Lunch (Hosted by AlMajal Alarabi Holding Company)



15:00

Contact Information



The 23rd International Asset, Facility & Maintenance Management Conference

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Organizing Committee



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