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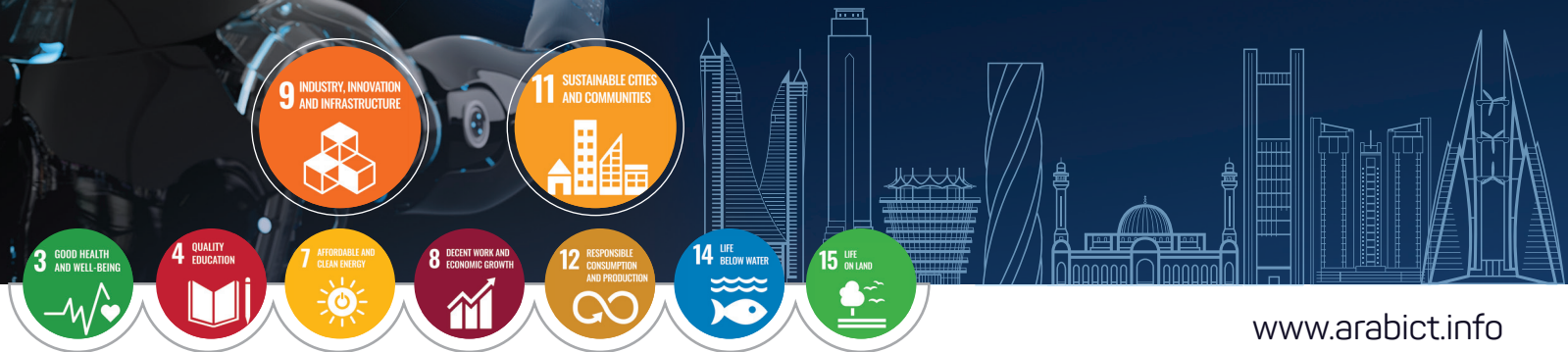
CALL FOR
PAPERS

ARAB ICT²⁰²³ CONFERENCE

DIGITAL TRANSFORMATION FOR
**SUSTAINABLE
INFRASTRUCTURE**

6-7 December 2023

GULF CONVENTION CENTER
GULF HOTEL, KINGDOM OF BAHRAIN



www.arabict.info

Organizers



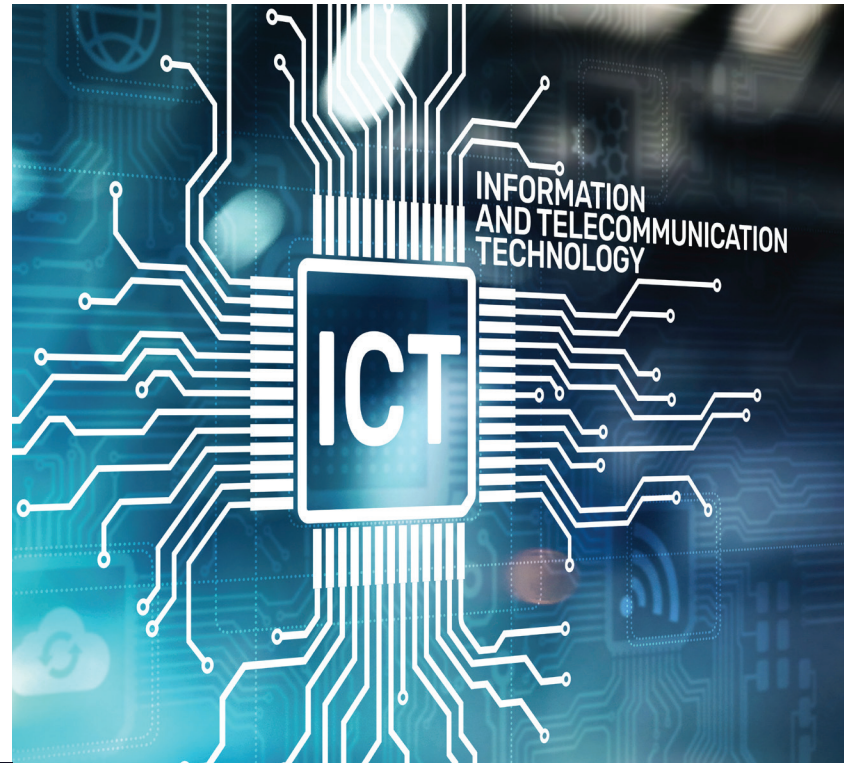
Technical Sponsors



ARAB ICT CONFERENCE 2023

Overview

Under the patronage of H.E. Shaikh Khalid bin Abdulla Al Khalifa, Deputy Prime Minister, Kingdom of Bahrain, the Federation of Arab Engineers and the Bahrain Society of Engineers are pleased to announce the organization of the Arab ICT Conference 2023, which will be held in the Kingdom of Bahrain from 6 to 7 December 2023 with the theme **"Digital Transformation for Sustainable Infrastructure"**. The Arab ICT Conference has steadily expanded since its inception in 2010 to become a leading conference in the region. In its 7th edition, the conference will be associated with an exhibition to showcase the latest technologies, technical innovations, new applications, best practices, cutting-edge research, and case studies.



Scope

In summer of 2020, the World Economic Forum launched the Infrastructure 4.0 project defined as "forward-looking infrastructure that leverages technology and information to provide high-quality environmental, economic and social outcomes, and functions as a system within broader human and natural systems." The adoption of emerging digital technologies into infrastructure can transform it to a data-driven intelligent decision system capable of changing the way in which infrastructure is designed, financed, planned, constructed, operated, and maintained. Infrastructure digitalization can be a powerful tool that facilitates the provision of sustainable and resilient services that foster innovation to improve community wellbeing worldwide.



Goals

This conference is intended for scientists, ICT experts and decision-makers who wish to improve the adoption of emerging technologies into infrastructure development. The conference provides a unique opportunities to strategically address challenges associated with the UN Sustainable Development Goals (SDGs), in particular SDG 9 targeted to develop quality, reliable, sustainable and resilient infrastructure, which is the foundation for a successful and sustainable community.

The Arab ICT conference aims to provide a platform for exchanging ideas, information, and experiences among academics, researchers, consultants, engineers, manufacturers and decision-makers who seek to adopt emerging technologies to improve infrastructure delivery and operation. The conference will serve as a medium to discuss and evaluate the latest trends, opportunities, challenges, policies and innovative technologies in infrastructure development.



Conference Tracks

Authors are invited to contribute to the conference by submitting articles that illustrate emerging technologies, research results, projects, surveying works and industrial experiences that describe significant advances in the following tracks:

TRACK 1: ICT FOR INFRASTRUCTURE MANAGEMENT

- | | |
|--|--|
| ♦ Building Information Modeling (BIM) | ♦ 3D Printing and Prefabrication |
| ♦ Digital Twin and Smart Industry | ♦ Smart Risk Management |
| ♦ ICT in Disaster Management | ♦ Intelligent Energy Management |
| ♦ IoT and Sensor Network | ♦ Digitalization of the Utility's Infrastructure |
| ♦ GIS, Spatial Mapping and Remote Monitoring | ♦ ICT in Waste Management |
| ♦ Intelligent Transportation Systems | |

TRACK 2: ICT FOR SMART COMMUNITIES

- | | |
|--------------------|--|
| ♦ Smart Government | ♦ Smart Education |
| ♦ Smart Healthcare | ♦ Impacts of ICT on Environmental Sustainability |
| ♦ Smart Cities | ♦ Financial Technologies |

TRACK 3: DIGITAL TRANSFORMATION TECHNOLOGIES

- | | |
|--|--|
| ♦ AI and Machine Learning | ♦ Expert and Knowledge-based Systems |
| ♦ Cloud and Edge Computing | ♦ Knowledge Engineering and Intelligence Systems |
| ♦ IoT and Sensor Network | ♦ Multimedia Storage Management |
| ♦ Computer Vision | ♦ Web Technologies |
| ♦ Robotics | ♦ Big Data Analytics |
| ♦ Data Mining | ♦ Quantum Computing |
| ♦ Speech Processing | ♦ Blockchain and NFTs |
| ♦ Computational Biology | ♦ Developing and Deploying the Metaverse |
| ♦ Augmented, Virtual and Mixed Reality | ♦ Unmanned Vehicles |
| ♦ E-Learning | ♦ Privacy and Cyber Security |
| ♦ Emerging Trends in Data Management | |

TRACK 4: COMMUNICATIONS TECHNOLOGIES

- | | |
|---|--|
| ♦ Next-Generation Networking and Internet | ♦ Communications Software and Multimedia |
| ♦ Mobile and Wireless Networks | ♦ Communication and Information System Security |
| ♦ Satellite Communications | ♦ Underwater and subterranean communications |
| ♦ Optical Networks and Systems | ♦ MEMS devices for wireless sensing and communications |
| ♦ Cognitive Radio and AI-Enabled Networks | ♦ Drone-assisted wireless communications |

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Instructions For Authors

The 2023 arab ict conference is technically sponsored by IEEE and IET. Prospective authors are kindly invited to submit their contribution in one of the following categories:

RESEARCH PAPERS

Authors are invited to submit original research works related to the conference tracks. Submitted work should not have been published elsewhere and should not be intended to be published elsewhere during the review period. All papers must be submitted electronically through the [EDAS conference management platform](#) according to IEEE conference templates, which can be downloaded from here. All submitted papers will undergo a blind review process by at least three reviewers. Conference proceedings will be submitted for publishing in IEEE Xplore digital library.

At least one author of an accepted paper is required to register for the conference and present the paper at the conference venue. Non-adherence to this policy will result in the paper being dropped from the Conference Proceeding and will not be submitted to IEEE Xplore.

TECHNICAL PRESENTATIONS

The conference committee welcomes submissions from individuals and organizations working in the ICT field. These submissions give more focus on practical applications, innovative solutions, case studies and best practices in the ICT field. Submissions in this category can take the form of a presentation, or a demonstration related to the conference tracks. Authors are invited to submit abstracts of no more than 500 words describing the proposed work to be presented using the [Online Abstract Submission Form](#). The abstract must include the title of the paper, the author's name(s), and the affiliation(s) including email addresses. The selection of the submitted contribution will consider the originality, relevance, and likely interest to delegates. All submissions will undergo a double-blind review process.

At least one author of an accepted presentation is required to register for the conference and present their work at the conference venue. Non-adherence to this policy will result in the paper being dropped from the Conference Proceeding.

IMPORTANT DATES

Paper Submission

1 May 2023

Notification of Acceptance

1 August 2023

Final Paper Submission

1 September 2023

Conference Date

6 – 7 December 2023

IMPORTANT DATES

Abstract Submission

1 March 2023

Notification of Abstract Acceptance

1 April 2023

Presentation Submission

1 June 2023

Notification of Presentation Acceptance

1 August 2023

Final Presentation Submission

1 September 2023

Conference Date

6 – 7 December 2023

Delegate Registration Fees

ARAB ICT CONFERENCE²⁰²³

06 – 07 December 2023, Gulf Hotel, Kingdom of Bahrain

Are you a FAE/BSE Member YES ☐ NO ☐

Full Name: _____

Title: _____

Organization: _____

City: _____ Country: _____ Postal Code: _____

Telephone: _____ Fax: _____ Email: _____

Signature: _____ Date: _____

For more information, please contact
Bahrain Society of Engineers, T: +973 17810734
E: conference.officer@bse.bh

For online registration, please visit the Conference website
www.arabict.info



Conference Registration Fees

Category	Full Registration
Delegates	BD 150 US\$ 400
Speakers	Complimentary
FAE/BSE Members	BD 115 US\$ 300
*Students	BD 50 US\$ 135

*Should provide proper authentication. Inclusive of 10% VAT

Sponsorship & Benefits

Companies are invited to become official sponsors for the conference and exhibition. The table below describes the different sponsorship levels and their corresponding benefits. Sponsorship will allow companies to promote their products and services to Arab ICT audience and provide the opportunity to interact with other attending professionals.

Please use the sponsorship form to submit your sponsorship application. Detailed information regarding sponsorship may be obtained from the sponsorship coordinator.

Contact

Tel: +973 17810734

Email: conference.officer@bse.bh



Benefits	Diamond BHD 7,500 USD 20,000	Platinum BHD 5,000 USD 13,500	Gold BHD 4,000 USD 10,700	Silver BHD 3,000 USD 8,000
Company name and logo of appropriate sizes will be published in all the conference publicity materials.	✓	✓	✓	✓
Entitled for free exhibition stand space with stand fittings at the exhibition hall.	24 Sq mtr	12 Sq mtr	6 Sq mtr	6 Sq mtr
Delegates from the sponsoring company may attend the conference with full package free of charge.	6 Delegates	4 Delegates	2 Delegates	1 Delegate
Publicity materials will be included in the conference pack.	✓	✓	✓	✓
Company name and logo will be published in the conference web site which shall be connected to the sponsor's web site.	✓	✓	✓	✓
Advertisement shall be provided in the exhibition guide free of cost.	2 Full Pages	1 Full Page	Half Page	Half Page
Company will be recognized with a special plaque for sponsorship	✓	✓	✓	✓
Executive officers will be treated as VIPs during the opening ceremony.	✓	✓	✓	✓
Company logo will be displayed in the conference hall along with the conference banner.	Large	Large	Medium	Small
Company logo of appropriate size will be displayed at the conference venue.	✓	✓	✓	✓
Company name, logo and profile will be published in the conference proceedings.	✓	✓	✓	✓

Sponsorship Form

ARAB ICT CONFERENCE²⁰²³

06 – 07 December 2023, Gulf Hotel, Kingdom of Bahrain

To co-sponsor the Conference & Exhibition,
please complete this form and email it to conference.officer@bse.bh
to the attention of The Conference Secretariat, Arab ICT Conference 2023

<input type="checkbox"/>	DIAMOND SPONSORS	BHD 7,500.00	USD 20,000
<input type="checkbox"/>	PLATINUM SPONSORS	BHD 5,000.00	USD 13,500
<input type="checkbox"/>	GOLD SPONSORS	BHD 4,000.00	USD 10,700
<input type="checkbox"/>	SILVER SPONSORS	BHD 3,000.00	USD 8,000

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Date:

Company Seal

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☐

By Bank Transfer - Bahrain Society of Engineers
A/c No. 99065991, National Bank of Bahrain,
Swift Code - NBOBBHBM,
IBAN No. BH47-NBOB-0000-0099-0659-91
VAT: 220000468700002

For more information contact:

Bahrain Society of Engineers, P.O. Box 835, Manama, Kingdom of Bahrain

Tel: +973 17810734 Email: conference.officer@bse.bh

Please contact us for the electronic sponsorship form.

* The committee welcomes any suggestions and proposals to include new sponsorship categories to suit your requirement.

To fill in the eform please click the link:arabict.info

Exhibition Stand Booking Form

ARAB ICT CONFERENCE 2023

06 – 07 December 2023, Gulf Hotel, Kingdom of Bahrain

To co-sponsor the Conference & Exhibition,
please complete this form and email it to conference.officer@bse.bh
to the attention of The Conference Secretariat, Arab ICT Conference 2023

Company: _____

Name of Representative: _____

Position: _____

Mailing Address: _____

City: _____

Country: _____

Postal Code: _____

Tel: _____

Mob: _____

Fax: _____

Email: _____

Products or services to be displayed: _____

Signature: _____

Date _____

Select the desired stand options

☐ Option A (Shell Scheme Package)

Participation fees: BD 600 or US\$1600 (per 6 sq.m)

No. of Stands Required

Shell Scheme (Option A)

Participation includes:

White wall panels 2.4m height, Carpet Floor, 2 Tables with three chairs, two fluorescent lights, one 240 volt power socket.

Stand Nos.

Select desired stands from the exhibition stand layout

VAT Added

☐ Option B (Stand Space Only (min 6 sq.m)

Participation fees: BD 80 or US\$ 215 (per sq.m)

Stand Nos.

Select desired stands from exhibition stand layout

Space Only (Option B)

Participation does not include any stand construction except one 240 volt power supply. (It is not permitted to use wall partitions of adjacent stands).

VAT Added

Exhibition Information

A technical exhibition will be held in conjunction with the technical sessions within the conference venue. The exhibition is intended to provide an opportunity for equipment, materials and service providers to display and demonstrate their products and services related to Information and Communications Technology.

Each exhibitor is entitled to the following benefits:

- 1) Exhibitors names will be published in the conference website.
- 2) A brief resume (8 - 10 lines) of each exhibitor will be included in the official exhibition guide, which will be circulated to all invited government officials, VIPs, visitors and participating delegates.
- 3) Wide publicity will be given in the Gulf region about the exhibition to attract regional and international industrial companies and Government officials to visit the exhibition booths during the conference period.
- 4) Each exhibitor is entitled to one full conference package (one person allowed to attend all the technical sessions free of charge during the 2 days conference period).

Note: All efforts will be made to accommodate your stand location request based on availability. Please forward your booking form to:

The Conference Secretariat, Arab ICT 2023

Bahrain Society of Engineers, P O Box 835, Manama, Kingdom of Bahrain.

Tel: +973 17810734 Email: conference.officer@bse.bh

To fill in the eform please click the link: <https://www.arabict.info>

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