



AOU

الجامعة العربية المفتوحة
Arab Open University
Bahrain



IEEE International Conference on Computer and Applications (IEEE/ICCA'25)

7th Edition



22– 24 December 2025



**Arab Open University
Bahrain**

Conference link :

[Click Here](#)

Why attend IEEE/ICCA'25 7th Edition Conference in Kingdom of Bahrain?

Strategic Location

Located at the heart of the Gulf region, Bahrain is a vibrant island nation known for its rich heritage, modern infrastructure, and welcoming hospitality. It offers easy access to participants from the Middle East, Asia, Europe, and beyond.

World-Class Conference Facilities

Bahrain boasts state-of-the-art venues such as Bahrain International Exhibition & Convention Centre, Hilton Garden Inn Bahrain Bay, Golden Tulip Bahrain Hotel, Ibis Seef Manama and Wyndham grand. These venues offer modern amenities, professional event services, and high-speed connectivity.

Easy Accessibility

Bahrain International Airport is well-connected to major cities across Europe, Asia, and the Gulf. E-Visas and visa-on-arrival options are available for many nationalities, making travel planning hassle-free.

Exceptional Hospitality

Bahrain is known for its high-quality hotels, dining, and warm hospitality. Whether you're looking for luxury or convenience, the country offers a wide range of accommodation options close to event venues.

Ideal Weather (November–March)

With mild temperatures and sunny skies during the winter months, Bahrain offers the perfect climate for combining business with leisure.

Unique Culture and Experiences

Explore ancient sites like the Bahrain Fort (UNESCO World Heritage Site). Visit the lively souqs and modern malls. Enjoy a blend of tradition and innovation that defines Bahrain's charm.

Safe, Modern and Welcoming

Bahrain is one of the safest and most progressive countries in the region. English is widely spoken, and the environment is friendly and inclusive for international visitors.

Join Us in Bahrain

By attending the conference, you will gain professional insights, network with experts from around the globe, and experience the dynamic spirit of Bahrain – a destination where business meets culture.

For more details, click here:

<https://www.aou.org.bh/centers/training/Pages/Conferences.aspx>

The International Conference on Computer and Applications (Seventh Edition): From Theory to Applications – Technically co-sponsored by IEEE BAHRAIN– SECTION

The International Conference on Computer and Applications IEEE/ICCA'25 (Seventh Edition) is an annual event focusing on state-of-the-art technologies pertaining to digital information, communications and multimedia. It is an opportunity for researchers and practitioners to meet and discuss the recent trends in computer applications. It opens a new horizon for research collaboration locally and internationally. The three-day conference will consist of oral and poster presentations with plenary sessions. All submitted papers will be peer-reviewed by two reviewers applying the single blind process. Accepted papers will be published as a collective work in an electronic format and will be submitted for indexing in **IEEE Xplore (Conference Record #66035)**. The proceedings of **ICCA'17, ICCA'18, ICCA'22, ICCA'23 and ICCA'24** were published in **IEEE Digital Library and indexed in dblp and SCOPUS**. IEEE/ICCA'25 is an excellent opportunity for participants to meet with leading researchers working on cutting edge engineering research projects. The conference represents an exceptional opportunity to find potential collaborators and introduces your university and institutions in front of key academic leaders and top-tier scholars.

The conference covers a broad range of Computer & Applications topics, especially:

- Connected Health
- Bioinformatics
- Machine Learning
- Security
- E-Learning
- Virtual Education
- Assistive Technology
- Graphics
- Robotics
- Virtual Machines
- Haptics
- Social computing
- Smart Cities
- Image Processing
- Biometry
- Big Data Analytics
- Neural Networks
- Optimizations
- Graphics
- Big data analytics
- Fuzzy Logic
- Artificial Intelligence
- Steganography
- Deep Learning
- Optimization
- Edutainment Games
- Machine Learning
- Cryptography
- Multimedia Applications
- Education
- Embedded Systems Virtual and Augmented Reality
- Special Needs Applications
- Information Security
- Grid computing
- Transportation
- Algorithms
- Information Forensics
- Robotics
- Number Theory
- Knowledge Extraction. Geospatial
- Computational Modeling & Simulation
- Next Generation of Computing
- Constraints Satisfaction
- Cloud Computing
- Soft Computing
- Natural Language
- Ontology
- Mathematics &

Submission Types

IEEE/ICCA conference accepts full submission of papers in different applications of computing. Young researchers are highly encouraged to participate in this conference and submit their work and establish a strong network.

Review / Proceedings

All submissions are subject to a single-blind reviewing process. All accepted and presented papers will be submitted to IEEE for consideration in IEEE Xplore and indexing in different scientific databases.

ICCA'2025 Honorary Chairs

Prof. Mohammad Al-Zakari, AOU HQ, PRESIDENT

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Important Dates

December 5th, 2025	Submissions: https://edas.info/newPaper.php?c=33394
December 10th, 2025	Notification of Acceptance
December 13th, 2025	Camera-ready Upload (FULLY FORMATTED)
OPEN	Author Registration
	Sponsor Registration
	Participant Registration
Dec 22nd, 2025	Conference Opening

Topics of Interest include (but not limited to)

■ **Health & Biomedical Technologies:**

Connected Health, Bioinformatics, Biomedical Engineering, Biometry

■ **Education & Learning Technologies:**

E-Learning Virtual Education, Education, Usability, Serious Games, Edutainment Games

■ **Artificial Intelligence & Machine Learning:**

Artificial Intelligence (AI), Machine Learning, Deep Learning, Neural Networks, Fuzzy Logic, Optimization, AI Tools

■ **Data Science & Analytics:**

Big Data Analytics, Big Data Mining, Data Science, Information Extraction, Knowledge Extraction, Geospatial Data Analysis

■ **Smart & Connected Systems:**

Smart Cities, Smart City, Internet of Things (IoT), Industrial IoT, Digital Twins Applications, Next Generation of Computing

■ **Security & Privacy:**

Security, Cyber Security, Cryptography and Steganography, Information Security, Information Forensics

■ **Computing Systems & Infrastructure:**

Embedded Systems, Computer Graphics, Image Processing, Graphics, Cloud Computing, Grid Computing, Soft Computing, Computational Modeling and Simulation

■ **Human-Centered Computing:**

Human-Machine Interaction, Haptics, Haptic, Games with Tangible Interfaces, Usability

■ **Robotics & Automation:**

Robotics, Microchips, Brain Computing, Transportation

■ **Natural Language & Logic Systems:**

Natural Language Processing, Ontology, Approximation Algorithms, Algorithms, Constraints Satisfaction

■ **Reality & Visualization Technologies:**

Augmented Reality, Virtual Reality

■ **Specialized Applications:**

Assistive Technology, Special Needs, Special Needs Applications, Arabic Applications, ChatGPT

Keynote Speakers:

Professor Dr. Hironori Washizaki

Waseda University – Japan IEEE Computer Society PRESIDENT

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Indexing:

ALL ICCA proceedings were published by IEEE and indexed in SCOPUS

<https://ieeexplore.ieee.org/xpl/conhome/1822124/all-proceedings>

