



Conferene Brochure

The 5th International Conference on Big Data and Artificial Intelligence Applications

(ICBDAIA'26)

Springer Conference

02nd - 03th June, 2026

Universitat Politècnica de València, Spain





About

ICBDAIA'26

The Polytechnic University of Valencia, Spain; the Faculty of Sciences of Kénitra, Ibn Tofail University, Morocco in official collaboration with the Consulate General of the Kingdom of Morocco in Valencia, are organizing the 5th International Conference on Big Data and Artificial Intelligence Applications (ICBDAIA'26), to be held on June 2–3, 2026, at the Polytechnic University of Valencia, Spain.

ICBDAIA'26, which will be published by Springer in (LNNS) series and therefore indexed in Scopus, builds on the success of its previous indexed Springer-Scopus editions, including those held in Kénitra, Morocco, in May 2023 and July 2025, and in Laayoune in November 2023 and 2024 during the Green March celebrations

. Continuing its mission to promote international collaboration and knowledge exchange in the rapidly evolving fields of Big Data and Artificial Intelligence, the conference provides a high-level platform for researchers, practitioners, and industry experts to exchange ideas, present cutting-edge research, and discuss emerging challenges and innovative solutions across diverse sectors such as cybersecurity, blockchain applications, the environment, agriculture, energy, medicine, education, and the economy.





**4th Edition- Kenitra, Morocco
2nd and 3th July 2025**

ICBDAIA'25



**3rd Edition, Laayoune
November 07-08, 2024**

ICBDAIA'24



**2nd Edition, Laayoune
November 04-05, 2023**

ICBDAIA'23



**1st Edition, Kenitra
May 11, 2023**

ICBDAIA'23

Important Dates

Deadline for Full Paper Submission

January 25th, 2026

Paper Decision Notification: February 28th, 2026

**Camera-Ready Submission & Registration
Deadline:**

March 10th, 2026

Conference Date:

June 02nd and 03rd, 2026

General Chairs



Jaime Lloret Mauri
Professor at the Universitat
Politecnica de Valencia, Spain



Said Tkatek
Professor at the Ibn Tofail
University Kenitra, Morocco

Main PROGRAM



ICBDAIA'26

The 5th International Conference on Big
Data And Artificial Intelligence Applications
June 02 - 03, 2026, Universitat Politècnica de
Valencia, Spain



02nd – 03rd June2026,Valencia,Spain

09h00 –09h30

Reception and registration of participants

June 02,2026

09h30 –10h30

Official Opening of the ICBDAIA'26 Springer Conference

at the Conference room 1 of Universitat Politècnica de Valencia, Spain

Opening Speeches

- **José E. Capilla-Romá**, President of Universitat Politècnica de València, Spain
- **Mohamed Ebn Touhami**, President of Ibn Tofail University, Kenitra, Morocco
- **Said Drissi El Bouzaidi**, Consul General of the Kingdom of Morocco in Valencia, Spain
- **Karima Selmaoui**, International Relations, Ibn Tofail University, Kenitra, Morocco
- **Jaime Lloret Mauri**, Universitat Politècnica de València, Spain ,General Chair of ICBDAIA26
- **Said Tkatek**, Ibn Tofail University, Kenitra, Morocco, General chair of ICBDAIA26
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Trophy Awards Presentation Ceremony

10h30 –11h00

Break Coffee

Plenary Session

(June 02nd,2026 at Conference Room 1)

11h00-13h30

11h00-12h15

Speaker 1: Prof. Lorena Parra, Polytechnic University of Valencia, Spain

Theme: : Artificial Intelligence for Sustainable Agriculture and Gardening: Challenges and Opportunities in Data-Driven Environmental Monitoring

Speaker 2: Prof. Sandra Sendra, Polytechnic University of Valencia, Spain

Theme: Agriculture 6.0: Cutting-Edge Technology Serving Farmers

Speaker 3: Prof. José J. Lopez , Polytechnic University of Valencia, Spain

Theme: From Immersion to Precision: AI Sound Applications in 3D Audio and Industrial Sensing

Chairs

- Prof. Mohsen Guizani, Mohamed bin Zayed University of Artificial Intelligence, United Arab Emirates
- Prof. Jaime Lloret Mauri, Universitat Politècnica de València, Spain
- Prof. Said Tkatek, Ibn Tofail University, Kenitra, Morocco
- Prof. Karima Selmaoui, International Relations, Ibn Tofail University, Kenitra, Morocco
- Prof. Bouchra Honnit, Ibn Tofail University, Kenitra, Morocco

13h30 –14h30

Lunch

14h30 –18h30

Parallel Oral sessions

14h30-16h30

at Conference Rooms R1 and R2

- Oral session 1** (Room R1): **Topic 1** : Artificial Intelligence Applications: Healthcare, Agriculture, Economy, Education, Industry, Environment, Smart Cities, Energy, Climate Change, and Weather
- Oral session 2** (Room R2): **Topic2** : Big Data Analytics and IoT Applications
Topic3 : Image Processing, NLP, IA Modelling Optimization. Cloud computing, Cybersecurity and others

16h00 –16h30

Break Coffee

16h30-17h30

- Oralsession3** (RoomR1): Topic 1
Oralsession4 (RoomR2): Topic 2 & Topic 3

19h00

Gala Diner

June 03, 2026

9h30-11h30

Plenary Session at Room Conference

09h30-10h15

Speaker 4: Prof. Mohamed Essaidi, M5 University, Rabat, Morocco
Theme: *Smart Homes and Cities*

Chair Prof. Sandra Sendra, Universitat Politecnica de Valencia, Spain
Prof. Bouchra Honnit, Ibn Tofail University, Kenitra, Morocco

10h15-10h30

Break Coffee

10h30-11h15

Speaker 5 : Prof. Dr. Mo Medwani CEO & Founder Innovatics, USA
Theme: *Big Data, Generative Ai and LLMs: Future The of Intelligent Automation*

Chair Prof. Youssef Fakhri, Ibn Tofail University, Kenitra, Morocco
Prof. Hatim Derouz, Ibn Tofail University, Kenitra, Morocco

11h30-16h30

Parallel Virtual Oral Sessions

11h30-13h30

- Oral session 5** : Topic 1
Oral session 6 : Topic 1
Oral session 7 : Topic 2 & Topic 3
Oral session 8 : Topic 2 & Topic 3

13h30 –14h30

Lunch

14h30-16h00

- Oral session 9** : Topic 1
Oral session 10 : Topic 2 & Topic 3
Oral session 11: Topic 2 & Topic 3
Oral session 12 : Topic 2 & Topic 3

16h00 –16h30

Break coffee

16h30-17h00

Closing of the ICBDIAIA25 Conference and Evaluation
at the Conference Room at Universitat Politecnica de Valencia, Spain
Prof. Jaime LLORET MAURI, General Chair of ICBDIAIA26
Prof. Said TKATEK, General Chair of ICBDIAIA26

17h

Valencia Excursion

honorary committee



José E. Capilla-Romá
President of Universitat
Politecnica de Valencia, Spain



Said Drissi El Bouzaidi
Consul General of the Kingdom of
Morocco in the Valencia Region, Spain



Mohamed Ebn Touhami
President of Ibn Tofail
University, Kenitra, Morocco



Mohsen Guizani
Bin Zayed University of
Artificial Intelligence, UAE



Joel Rodrigues
Federal University of Piaui,
Brazil



Karima Selmaoui
In Charge of International Relations
Ibn Tofail University — Kenitra, Morocco

Keynote Speakers



Prof. Lorena PARRA

Universidad Politécnica de Madrid



Prof. Sandra SENDRA

Universidad Politécnica de Valencia



Prof. Jose J. LOPEZ

Universidad Politécnica de Valencia



Prof. Mohamed ESSAAIDI

President Director of EMSI group
Morocco



Dr. Mo Medwani

CEO Innovatics, Mercer University USA



Main Topics

- Artificial Intelligence & Machine Learning
- Big Data Analytics & Data Integration
- Internet of Things (IoT)
- Deep Learning & Neural Networks
- Natural Language Processing (NLP)
- Smart Agriculture & Water Management
- Climate Change & Environmental Analytics
- Cybersecurity & Blockchain



Publication

- Accepted papers will be published in:
- Springer – Lecture Notes in Networks and Systems (LNNS)
- Automatically Indexed in Scopus

ICBD AIA '26



Participation Types

- Physical Participation
 - Access to all sessions & keynotes
 - Conference kit (program, brochure, proceedings)
 - Coffee breaks & lunches
 - Certificate of participation
 - Networking opportunities
- Virtual Participation
 - Online access to sessions
 - Electronic conference materials
 - Certificate of participation



Conference Highlights

- Keynote Speakers
- Oral & Poster Sessions
- Panels & Workshops
- Best Paper Awards 🏆
- Gala Dinner (optional)

ICBDAIA'26 Applications

Big Data and its applications

Big data applications can help companies to make better business decisions by analysing large volumes of data and discovering hidden patterns. No industry is left behind the use of it that has expanded its roots to all the major domains like :



Banking & Finance

Big Data and machine learning allows monitoring trends in real-time, Hence providing the capability to evaluate appropriate data and make smart decision.



Media & Entertainment

Big data helps advertiser and companies to better understand the kind of ads consumers are willing to see.



Healthcare

In health care, big data is generated by various sources and analysed to guide decision-making, improve patient outcomes, and decrease health care costs.



Transportation industry

Transportation data analytics can provide complete end-to-end trip information, including trip origins and destinations, routes, trip distances, and travel time.

ICBDAIA '26 Applications



Agriculture

AI is used to identify defects and nutrient deficiencies in the soil. AI can help to harvest crops at a higher volume and faster pace than human laborers.



E-commerce

AI is providing a competitive edge to the e-commerce industry, AI is helping shoppers from personalized shopping and assistance to fraud prevention.



IoT

AI with IoT can use data to predict risks and prioritize the ideal response, improving employee safety, mitigating cyber threats, and minimizing financial losses.



ICBDAIA'26 Applications

Artificial Intelligence and its applications

Artificial Intelligence has various applications in today's society. It is becoming essential for today's time because it can solve complex problems with an efficient way, this recent has made a major impact across a myriad of industries such as :



Healthcare

AI is being leveraged to deploy efficient and precise inventions that provide several advantages like analytics and making accurate clinical decisions.



Robotics

By automating certain tasks and providing real-time insights, AI can help AI ROBOTS make faster and more informed decisions.



Education

AI-powered educational tools can analyse data on student performance and provide tailored support to improve their grades.



Data security

Due to the enormous growing cyber-attacks, data security it becomes crucial for every company. AI is used to make the data more safe and secure.

ICBDAIA '26 Applications



Energy & Utility industry

Big data analytics empowers dynamic energy management systems in Smart Grids. This highly contributes towards the optimization of energy.



Government sector

Big data provides a smart platform for collecting, cleaning, filtering, and analysing large data.



Retail industry

Big data provides a smart platform for collecting, cleaning, filtering, and analysing large data.



ICBDAIA '26 Applications





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Conference Website :
www.icbdaia.com