2nd International Conference on Intelligent Digital Systems and Sustainable Technology, Al-Farahidi University, Baghdad, Iraq
June 25-26, 2025

Springer **Scopus** **Ej Compendex** **SCImago**

Important Dates

Full Paper Submission: **April 30, 2025**
Notification to Authors: **May 30, 2025**
Camera Ready: **June 20, 2025**
Conference Mode: **Online + In-Person**

Welcome

We are excited to welcome scholars, industry professionals, and enthusiasts worldwide to the 2nd International Conference on Intelligent Digital Systems and Sustainable Technology (ICIDST) (ICIDST), taking place on June 25 - 26, 2025. This prestigious conference is co-organized by Al-Farahidi University, Iraq, and Istinye University, Turkey. We look forward to your participation and contribution to making ICIDST a successful event. All accepted papers will be published with Springer in the book series **Lecture Notes In Networks And Systems (LNNS)**.

Conference Committees

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- Dr. Tareq Hafdhi Al-Khayat, Al-Farahidi University, Iraq
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- Dr. Faezeh Soleimani, Ball State University, USA

Conference Mode:

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Topics of Interest

Topics of interest include but not limited to the following:

Theme 1: Artificial Intelligence and Applications
- Generative AI for Creative Industries: Art, Music, and Film
- Machine Learning for Predictive Maintenance in Industrial Applications
- AI in Healthcare: Personalized Medicine and Predictive Analytics
- Computer Vision for Real-Time Surveillance and Security
- AI in Financial Systems: Fraud Detection and Algorithmic Trading

Theme 3: Innovations in Sustainable Technology and Smart Systems
- Renewable Energy Integration with Intelligent Digital Systems
- AI-Driven Optimization for Energy-Efficient Smart Grids
- Smart Water Management Systems Using IoT and AI
- Designing Sustainable Buildings with Digital Twin Technology
- Green Data Centers: Sustainable Computing Technologies
- Waste Management Solutions with Intelligent IoT Systems
- Predictive Maintenance of Renewable

Theme 2: Modeling and Simulation in Intelligent Digital Systems
- Simulation of Distributed Systems for Real-Time Decision Making
- Digital Twin Technology for Engineering Design and Maintenance
- Predictive Modeling for Structural Health Monitoring in Civil Engineering
- Simulation of Cyber-Physical Systems for Smart Manufacturing
- Computational Fluid Dynamics (CFD) for Digital System Optimization

Theme 4: Digital Transformation and Applications
- AI-Driven Digital Transformation in Healthcare Systems
- Digital Twin Applications in Industrial Automation
- Big Data Analytics for Business Intelligence and Transformation
- IoT in Smart Cities: Enhancing Connectivity and Efficiency
- Blockchain Integration in Digital Supply Chain Transformation
- Digital Transformation in Education: E-Learning and Virtual Classrooms
- Cloud Computing in Accelerating Digital