2025 International Conference on Intelligent Data Analytics and Sustainable Systems(IDASS 2025)

Qingdao,China
October 20-22,2025
Ocean University of China

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Introduction

The 2025 International Conference on Intelligent Data Analytics and Sustainable Systems aims to enhance advanced technical development, bridge the gap between the two domains, and foster discussions, collaborations and knowledge exchange among experts with diverse backgrounds. We welcome high-quality papers. The conference is sponsored by IEEE, and the conference proceedings will be submitted for inclusion into IEEE Xplore.

Topics

1. Intelligent Data Analytics Methods or Tools

- Emerging Aspects of Data Science
- Theory and Algorithm
- Computational Intelligence and Applications

2. Emerging Sustainability Challenges for Human Activity

- Sustainable Healthcare System
- Sustainable Marine Industry
- Global Economic Governance
- Natural Resource Management

3. Computer Vision Visualization Technologies and Applications

- Image-Based Recognition
- Data Generation
- Cognition
- Data Visualization, Curation and Management

4. Advanced Human-Machine Interaction Technologies

- Including Robotics
- Intelligent Vehicles
- Virtual Reality
- Augmented Reality

5. Machine Learning and AI Technologies

- Generative AI
- Advanced Deep Learning Technology
- Optimal Neural Network
- Natural Language Processing
- Statistical Learning Architectures and Technology-Enhanced Learning
- Efficient Neural Network Architecture Search and Design

6. Methods or Tools for Sustainable Systems

- Data-Driven Strategies for Climate Adaptation and Mitigation
- Sustainable Urban Planning and Smart
- Sustainable Agriculture and Food Systems
- Energy-Efficient Data Analytics and Smart Grids
- Cyber-Security
- Communication Networks

Recommended journals

Selected papers will be recommended for publication in the following:

a. Intelligent Marine Technology and Systems

b. Journal of Marine Science and Engineering

c. Underwater Visual Signal Processing in Data-Driven Era (The Research Topics in Frontier in Marine Science)

Important Dates

- June 15, 2025: Workshop Proposal
- June 15, 2025: **Special Session**
- August 20, 2025: Submission Deadline
- September 8, 2025: Notification of Acceptance
- September 15, 2025: Camera-Ready
- September 30, 2025: Author Registration Deadline

More

For more information, please visit:

https://idass2025.scievent.com