ISASD 2024 Workshop Proposal Form

The workshops will be held from July 8th to July 11th, 2023. Please provide the following information, which will be reviewed by the ISASD 2024 committee.

1. Workshop Title:
Data Analytics and Intelligent Computing for Awareness Applications & Sustainable Development

2. Workshop Chairs:

Name	Long-Sheng Chen	Jing-Rong Chang
Affiliation	Chaoyang University of Technology	Chaoyang University of Technology
E-mail	lschen@cyut.edu.tw	chrischang@cyut.edu.tw

3. Workshop Chair's Introduction (please provide a 150-word introduction):

Long-Sheng Chen currently is a distinguished professor with the Department of Information Management, Chaoyang University of Technology. His research fields include big data analytics, natural language processing, social marketing and information management.

Jing-Rong Chang currently serves at Chaoyang University of Technology in Taiwan and holds the position of Assistant Chairperson of Department of Information Management. His main research areas include Fuzzy Theory, Decision Analysis, Intelligent System.

4. Statement of Objectives (200-500 words):

Data analytics aims to transform and model data into useful information to support decisions making. Data analytics has multiple aspects and methods, including various technologies under various names, and is used in different fields of business, science, and social sciences. In today's business, data analytics plays an important role in making decisions more scientific and helping companies achieve effective operations. Awareness is the ability to directly understand and perceive, perceive or recognize events.

More broadly, this is a state of being aware of something. Awareness is a state in which the subject knows certain information when the information is directly available in the direction of a wide range of behavioral processes. Therefore, the aim of this special session is to provide the researchers with a room to present the innovative ideas, researches, methodologies, developments and applications in the field of using data analytics to awareness applications and sustainable develoment.

Workshop Topics
1. Data analytics for awareness applications and sustainable development
2. Social data for context awareness applications
3. Sensors, IoT and big data analytics
4. Intelligent computing
5. Deep learning & evolutionary computing
6. Multimedia mining & data mining
7. Sustainable supply chain management
8. Multi-criteria decision-making
9. Applied soft computing
10. Fuzzy and rough sets
11. The recommender system

5. Target Article Quantity and Expected Number of Participants:
Target Article Quantity: 5
Expected Number of Participants: 6

6. Expected Technical Program Committee Members:

Jing-Rong Chang, Chaoyang University of Technology, Taiwan
Long-Sheng Chen, Chaoyang University of Technology, Taiwan