

## ISASD 2024 Workshop Proposal

The workshops will be held from July 8<sup>th</sup> to July 11<sup>th</sup>, 2024. Please provide the following information, which will be reviewed by the ISASD 2024 committee. <http://isasd.net/>

Workshop Title: **Workshop on Multimedia Applications for Sustainable Development (MAS)**

### 1. Workshop Chairs:

Name	Chih-Hsien Hsia	Kai-Wen Lien
Affiliation	Dept. Computer Science and Information Engineering, National Ilan University, Taiwan	Dept. of Banking and Finance, Chinese Culture University, Taiwan
E-mail	hsiach@niu.edu.tw	lkw2@ulive.pccu.edu.tw

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

**Chih-Hsien HSIA** currently is a Professor and a Chairperson with the Department of Computer Science and Information Engineering, National Ilan University. Director, Multimedia & Intelligent Technical Lab., National Ilan University. Honorary Distinguished Professor, Chaoyang University of Technology, Taichung City, Taiwan. His research interests include AI in Multimedia, DSP IC Design, and Cognitive Engineering. He has serves on Associate Editor of Journal of Imaging Science and Technology, Journal of Computers.

**Kai-Wen Lien** currently is an Assistant Professor with the Department of Banking and Finance, Chinese Culture University, Taiwan. His research interests include Information Management.

### 3. Statement of Objectives (200-500 words):

MAS 2024 is the conference for the presentation of new trends, advances, and research results in the fields of sustainable development. The conference seeks to explore innovative research, transformative initiatives, and actionable strategies that contribute to achieving the United Nations' sustainable development goals (SDGs). The conference also welcomes presentations based on studies conducted from interdisciplinary and multi-

disciplinary perspectives. Papers on the following areas of study will also be considered.

- ✓ Understanding mass media content and computing for SDGs.
- ✓ GenAI/AI in multimedia for SDG oriented applications.
- ✓ Achieving the SDGs through environmental sustainability.
- ✓ Economics and policies for sustainability.
- ✓ Sustainability analytics and modeling.
- ✓ SDG-related development and implementation under educational contexts.
- ✓ So on.

4. Target Article Quantity and Expected Number of Participants:  
10 papers and 10~20 peoples participate.

5. Expected Technical Program Committee Members:

- ✓ Prof. Yan Kong, Software School of Nanjing University of Information, Science and Technology, China
- ✓ Prof. Yi-Jun Lee, Dept. of Information Communications, Chinese Culture University, Taiwan
- ✓ Prof. Junjun Zhang, School of International Communications, Hainan University, China
- ✓ Prof. Sheng-Tao Chen, Dept. of Avionics Engineering, R.O.C. Air Force Academy, Taiwan
- ✓ Prof. Lingxia Liao, School of Electronic Information and Automation, Guilin University of Aerospace Technology, China
- ✓ Prof. Wei-Yu Chen, Dept. of Mass Communication, Chinese Culture University, Taiwan
- ✓ Dr. Yun-Fu Liu, Dept. of Autonomous Driving Algorithm, EACON, China
- ✓ Prof. Hsiao-Chi Wang, Dept. of Oral Hygiene and Healthcare, Cardinal Tien Junior College of Healthcare and Management, Taiwan
- ✓ Prof. Hsin-Yi Lin, Dept. of Digital Multimedia Design, Taipei City University of Science and Technology, Taiwan
- ✓ Prof. Yu-Hsuan Lin, Dept. of Digital Media and Education Industry, National Taitung University, Taiwan
- ✓ Prof. Yung-Yao Chen, Dept. of Electronic and Computer Engineering, National Taiwan University of Science and Technology, Taiwan

- ✓ Prof. Hsiu-Lin Chen, Dept. of Artificial Intelligence and Medical Application, MacKay Junior College of Medicine, Nursing, and Management, Taiwan