

2023 East Asia Workshop on Operations Research and Algorithms

8th (Fri) to 10th (Sun) September, 2023, National Tsing Hua University, Taiwan

<https://acolab.ie.nthu.edu.tw/summeralgor/>

國立清華大學工業工程與工程管理學系延續前兩年的 Summer School 線上研討會，將於今年(2023)擴大舉辦東亞作業研究與演算法研討會。本次會議將邀請八位國外知名學者及九位國內學者前來演講分享他們的最新研究成果，及作業研究與演算法的最新趨勢，內容涵蓋：mathematical modelling、combinatorial optimization、game theory、learning theory、dynamic programming 等各種理論及實際應用。期望為台灣和東亞各國的與會者，特別是研究生和年輕學者提供一個互相交流的平台。

本研討會報名截止日期為九月四日(週一)，歡迎各位先進鼓勵學生多多參與。

SCOPE

This workshop aims at introducing mathematical modeling in operations research and algorithms, as well as various theories and applications from combinatorial optimization, machine learning, game theory, dynamic programming and so on. It would also like to provide a discussion forum for local and international participants, especially graduate students and young scholars.

After the success of the past two years' summer workshops, we would like to have more missions, in addition to technical talks, including international cooperation between East Asian universities, which seems quite challenging in this post-Covid era. This year we thus invite eight foreign scholars to share the latest development and their recent research results. The technical talks may also include preliminary theoretical materials and possible real-world applications. Moreover, a panel discussion on open problems and research trends will be included. We hope you will enjoy the event!

INVITED SPEAKERS

- Tetsuo Asano (Kanazawa University)
- Kazuhisa Makino (Kyoto University)
- Sang-il Oum (Korea Advanced Institute of Science and Technology)
- Kunihiko Sadakane (The University of Tokyo)
- Anthony Man-Cho So (The Chinese University of Hong Kong)
- Takeshi Tokuyama (Kwansei Gakuin University)

- Osamu Watanabe (Tokyo Institute of Technology)
- Louxin Zhang (National University of Singapore)

- Ho-Lin Chen (National Taiwan University)
- Po-An Chen (National Yang Ming Chiao Tung University)
- Wing-Kai Hon (National Tsing Hua University)
- Kevin Dowhon Huang (National Taiwan University)
- Ling-Ju Hung (National Taipei University of Business)
- Mong-Jen Kao (National Yang Ming Chiao Tung University)
- Ling-Chieh Kung (National Taiwan University)
- Yen-Huan Li (National Taiwan University)
- Hao-Hsiang Wu (National Yang Ming Chiao Tung University)

REGISTRATION

In order to maintain the high quality of the workshop, please fill out the form below. The online registration service is closed by September 4 (Mon).

<https://acolab.ie.nthu.edu.tw/summeralgor/index.php/registration/>

For any questions, please email the organizer (summerschool@ie.nthu.edu.tw).

INFORMATION

Registration Deadline: September 4 (Mon), 2023 (AoE)

Workshop Dates: 8th (Fri) to 10th (Sun) September, 2023

Venue: R107, Engineering Building 1, National Tsing Hua University, Hsinchu

Organizer:

Kazuo Iwama (Kyoto University, Japan)

Chung-Shou Liao (National Tsing Hua University, Taiwan)

Sponsors:

Operations Research Society of Taiwan

National Science and Technology Council

Logistics and Supply Chain Research Center, National Yang Ming Chiao Tung University

Dept. Industrial Engineering and Engineering Management, National Tsing Hua University
Artificial Intelligence for Intelligent Manufacturing Systems (AIMS) Research Center, NSTC