

THE THIRD ◀◀

# POC

# 2023

PACIFIC OPTIMISATION CONFERENCE

**SUNWAY**  
UNIVERSITY  
School of  
**MATHEMATICAL  
SCIENCES**

## Optimisation and AI in Real-World Applications

**9th to 11th  
December 2023**

Sunway Resort Hotel,  
Kuala Lumpur, Malaysia

► <https://sunwayuniversity.edu.my/poc2023>

## Introduction

The Third Pacific Optimisation Conference (POC2023) will be held from 9th to 11th December 2023 in Kuala Lumpur, Malaysia. It is organised by the School of Mathematical Sciences, Sunway University, Malaysia.

POC2023 is a continuation of POC2017, held from 5th to 7th December 2017 in Perth, Australia. POCs are the successions of the highly successful Sino-Japanese Optimization Meeting (SJOM) conference series. The SJOM conferences were held in Hong Kong (2000), Kyoto (2002), Singapore (2005), Tainan (2008) and Beijing (2011). At SJOM 2011, the Steering Committee decided to change the SJOM conferences' title to POC in order to reflect the wide geographical distribution of the participants of these conferences. The First and Second POC were held in Wuxi, China (2014) and Perth (2017), respectively.

POC2023 aims to provide a forum for scientists, researchers, software developers, and practitioners to exchange ideas and state-of-the-art approaches on all issues and topics related to optimisation and control as well as their applications. Topics of interest include, but are not limited to, those listed below:

- Optimal Control Theory, Methods and Applications
- Combinatorial and Mixed Integer Optimisation
- Conic Optimisation
- Derivative-free Optimisation
- Equilibrium Problems, Complementary Problems, Variational Inequalities
- Graphs and Networks
- Non-linear Optimisation
- PDE Based Optimisation
- Polynomial and SoS Optimization
- Stochastic and Robust Optimisation
- Optimisation in Engineering
- Quantum Computing Optimisation
- Supply Chain Optimisation
- Applications in Health Care
- Applications in Energy Networks and Renewable Resources
- Applications in Machine Learning and Artificial Intelligence
- Applications in Education

## Abstract Submission

Participants who wish to present their papers are welcome to submit their abstract via POC2023 website for consideration. The abstract template can be downloaded from POC2023 website.

## Important Dates

EVENT	DATE
First announcement and call for abstract	30 April 2023
Abstract Submission Due Date	30 September 2023
Notification of Acceptance	1 July 2023 - 16 October 2023
Registration Due Date	15 November 2023
Conference	9 – 11 December 2023

## Registration Fees

CATEGORY		REGISTRATION FEE
Local	Regular	MYR 1,400
	Student	MYR 1,000
International	Regular	USD 380
	Student	USD 250

*The registration fee covers conference materials, lunches, tea breaks and a conference banquet.*

## Plenary Speakers



**Professor  
Tianyou Chai**  
Life Fellow, IEEE  
Northeastern  
University, China



**Professor  
Guangren Duan**  
Fellow, IEEE  
Harbin Institute of  
Technology, China



**Associate  
Professor Dr  
Ellen Hidemi  
Fukuda**  
Kyoto University,  
Japan



**Professor  
Stephen  
Wolfgang Pickl**  
Bundeswehr  
University Munich,  
Germany



**Associate  
Professor Dr Chou  
Cheng-Feng,  
Mabel**  
National University  
of Singapore (NUS)



**Professor  
Defeng Sun**  
Hong Kong  
Polytechnic  
University



For more information,  
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