

## Call for Papers

The 22nd International Conference on Machine Learning and Cybernetics (ICMLC) and the 20th International Conference on Wavelet Analysis and Pattern Recognition (ICWAPR) will be held in Adelaide, Australia on 9-11 July 2023.

ICMLC and ICWAPR offer a leading platform for participants from academia and industry to exchange and develop research ideas on Machine Learning, Cybernetics, and Wavelet Analysis, with special focus this year on adversarial learning, generative adversarial network, and uncertainty modelling.

### Important Dates

Submission Due: 20th March 2023  
Notification of Acceptance: 15th May 2023  
Registration Due: 1st June 2023

### Review and Publication

The manuscripts should be between 4 to 6 pages in the IEEE conference format. Additional pages will be charged. Please check the website for the details. All submissions will be peer-reviewed by at least TWO reviewers.

All papers will be:

- Submitted for consideration for inclusion and indexing by IEEE Xplore (<http://ieeexplore.ieee.org/>)
- Submitted for indexing to EI Compendex
- Selected papers will be recommended for publication in special issues of SCI indexed journals

### Special Features

- Free Tutorial
- Lotfi Zadeh Best Paper Awards
- Keynote Speakers

### Topics of Interest

Original research involving machine learning and cybernetics ranging from theoretical investigation to real world applications. Examples include but are not limited to the following:

#### ICMLC

Statistical Machine Learning	Web Intelligence and Technology
Intelligent and Fuzzy Control	Semantics and Ontology Engineering
Pattern Recognition	Intelligent Business Computing
Ensemble Method	Cybersecurity
Evolutionary Computation	Multicriteria Decision Making
Fuzzy and Rough Set	Soft Computing
Data and Web Mining	Intelligent Systems
Information Retrieval	Speech, Image and Video Processing
Bioinformatics	Decision Support Systems
Biometrics	Social Networks and Ubiquitous Intelligence
Adversarial Learning	Generative Adversarial Network

#### General Co-Chairs

**Lance Fung**, Murdoch University, Australia  
**Peng Shi**, The Univ of Adelaide, Australia

#### ICMLC: Program Chairs

**Shyi-Ming Chen**, National Taiwan University of Science and Technology, Taiwan  
**Witold Pedrycz**, University of Alberta, Canada

#### ICWAPR: Program Chairs

**Yuanyan Tang**, Univ of Macau, Macau  
**Jian Ping Li**, Univ of Electronic Sci and Tech, China

#### Track Chairs

Machine Learning: **Kevin Wong**, Murdoch Univ, AU  
Cybernetics: **Tadahiko Murata**, Kansai Univ, Japan  
Uncertainty Modeling in Deep Learning: **Xizhao Wang**, Shenzhen University, China  
Adversarial Machine Learning: **Patrick Chan**, South China Univ of Tech, China  
**Battista Biggio**, University of Cagliari, Italy  
Contrastive Learning: **Cheng Siong Lee**, Monash University, Australia

#### Organizing Committee Chair

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#### ICWAPR

Wavelet Theory and application  
Wavelet Transforms  
Time-frequency Analysis and Application  
Multiresolution Analysis and Application  
Information Theory, Systems and Technology  
Deep Learning  
Machine Learning Theory, Algorithms and Application  
Artificial Intelligence  
Pattern Recognition  
Computer Vision  
Image/Signal Processing