

The International Automatic Control Conference (CACS 2022)

Garden Villa, Kaohsiung, Taiwan, Nov. 3 - 6, 2022

The International Automatic Control Conference (CACS 2022) is hosted by the Chinese Automatic Control Society and Nation Sun Yat-sen University, Taiwan. The three-day conference will take place in Kaohsiung, Taiwan, and present more than 200 papers submitted worldwide. This event provides scientists, engineers, and practitioners a great opportunity to present the latest design concepts, research results, developments, and applications and facilitates interactions between scholars and practitioners. Organized sessions are also welcomed and incorporated into the CACS 2022 program to broaden the scope and promote participation. Accepted full papers can be included in IEEE Xplore, and EI indexed. Selected high-quality papers will be published in the Special Issues of the Asian Journal of Control (SCIE) and the International Journal of Fuzzy Systems (SCIE). In addition to the conference's best paper and student paper award, the journal of Applied System Innovation (ASI) sponsors ASI's best paper awards with prizes. Topics of interest include but are not limited to:

Linear Systems and Control

Computational Intelligence

Robust Control

Control ICs and Applications

Emerging Technology

Modeling and Simulations

Nonlinear Systems and Control

Autonomous/Intelligent Robots

Digital/Sampled-Data Control

Industrial Applications

DNA Computing

Quantum Control and Computing

Iterative Learning Control

Smart Material Actuator & Control

Networked Control Systems

Mechatronic Systems

Discrete-Event Systems

Chaotic Systems and Control

Intelligent Control

Deep Learning/Neural Networks

Machine Vision and Visual Servoing

Servo Control

Identification and Estimation

Variable Structure Control

Fuzzy Systems and Control

Machine Learning and Control

Predictive Control

Adaptive and Optimal Control

Guidance, Navigation, and Control

Signal Processing and Control

Micro/Nano Systems

Systems Biology

Hybrid Systems and Control

Stochastic Systems and Control

Power Electronics and Control

Remote and Supervisory Control

Vehicle Telematics and Control

Robotics System and Control

Submission Policies

- Papers should be written in English and submitted in PDF format via the CACS 2022 website. The CACS 2022 accepts two types of manuscripts: regular paper and one-page presentation-only paper.
- **Regular Paper:** Accepted papers will be submitted for inclusion into *IEEE Xplore* subject to meeting *IEEE Xplore's* scope and quality requirements.
- **One-page Presentation-only Paper:** Accepted papers will be included ONLY in the conference proceedings.

Important Dates

Submission of contributed papers

July 15, 2022

Proposals and extended abstracts of organized sessions

July 1, 2022

Notification of acceptance

September 28, 2022

Final papers due

October 15, 2022

Website <http://cacs2022.nsysu.edu.tw>

Venue Garden Villa, Kaohsiung

Technical Sponsors

IEEE Systems, Man, and Cybernetics Society

In Cooperation with

Asian Control Association

Asian Journal of Control (SCI)

International Journal of Fuzzy Systems

