

2021
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Call for Papers

CACS 2021

Chiayi,
Taiwan

2021 International Automatic Control Conference

The 2021 International Automatic Control Conference (CACS 2021) is hosted by the Chinese Automatic Control Society and National Chung Cheng University, Taiwan. The 15th international conference of CACS will be held in Chiayi, Taiwan. This event will provide a great opportunity for scientists, engineers, and practitioners to present the latest design concepts, research results, developments, and applications, as well as to facilitate interactions between scholars and practitioners. CACS 2021 is soliciting novel research results in all aspects of control, automation, and related topics. Accepted full papers can be included in IEEE Xplore and EI indexed. Best paper awards will be given to those with outstanding achievements. Selected high-quality papers will be published in the Special Issues of Asian Journal of Control (SCIE) and International Journal of Fuzzy Systems (SCIE).

Note: Due to the Covid 19 pandemic, the format of the conference will be hybrid. Virtual participation is welcome. The final format is subject to change and will be constantly updated in CACS2021 website: cacs2021.ccu.edu.tw/

Topics of interests include but are not limited to

- Adaptive and Optimal Control
- AI and Deep Learning
- Autonomous Systems
- Chaotic Systems and Control
- Computational Intelligence
- Control Applications
- Digital/Sampled-Data Control
- Discrete-Event Systems
- Evolutionary Computation
- Emerging Technology
- Fuzzy and Neural Systems
- Guidance and Navigation
- Hybrid Systems
- Identification and Estimation
- Industrial Applications
- Intelligent Systems
- Iterative Learning Control
- Linear Systems and Control
- Machine Learning
- Machine Vision and Visual Servoing
- Maritime/Oceanic Technology
- Mechatronic Systems
- Micro/Nano Systems
- Modeling and Simulations
- Networked Control Systems
- Nonlinear Systems and Control
- Power Electronics and Motors
- Predictive Control
- Quantum Control and Computing
- Remote and Supervisory Control
- Robotic Systems
- Robust and H-infinity Control
- Servo Control
- Signal Processing
- Smart Energy
- Smart Material Actuator & Control
- Stochastic Systems
- Variable Structure Control
- Vehicle Systems

Submission Policies

- Papers should be written in English and submitted in PDF format via the CACS 2021 website. The CACS 2021 accepts two types of manuscripts: regular paper and one-page presentation-only paper.
- Regular Paper: full paper of no more than six pages in total length, additional pages will be subject to the extra-page charge. Accepted papers will be included in the conference proceedings and IEEE Xplore.
- One-page Presentation-only Paper: one-page paper for oral presentation. Accepted papers will be included ONLY in the conference proceedings.

Organized/ Invited Special Sessions

CACS 2021 welcomes proposals for invited/organized sessions within conference scope. Please put the proposal and the abstracts of all constituent papers in ONE electronic file when submitting. Please see Guidelines for Proposals of Invited /Organized Sessions for details.

Important Dates

Proposals of organized sessions	July 05, 2021
Submission of manuscripts	July 15, 2021
Notification of acceptance	September 10, 2021
Submission of final manuscripts	September 25, 2021

Venue

Mingzhu hall, Innovation Building,
National Chung Cheng University, Chiayi,
Taiwan

Hosts

National Chung Cheng University, Chiayi, Taiwan
Chinese Automatic Control Society

