

## Special Session on

### Perception and Control of Complex Unmanned Systems

Perception and Control has been an exciting subfield of engineering and new results at both the theoretical and practical levels continue to be developed by numerous researchers and practicing engineers. This motivates us to organize a special session at the 13th International Conference on Information Science and Technology (ICIST2023, <https://conference.cs.cityu.edu.hk/icist/>) to show some of these recent developments in advanced topics for Perception and Control of Complex Unmanned Systems.

This special session aims to cover all subjects related to the development of automatic machine systems, which include advanced technologies in hardware platforms, unmanned software systems, modeling and control, communications systems, computer vision systems, energy systems, sensing and information processing, navigation and motion planning, computing, information fusion, multi-agent systems, mission management, machine intelligence, artificial intelligence, and innovative application case studies.

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