13th International Conference on Intelligent Control and Information Processing

February 6 - 11, 2025   **Muscat, Oman**

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Call for Papers

https://conference.cs.cityu.edu.hk/icicip/
Sponsors and Organizers: Texas A&M University – Qatar and City University of Hong Kong
Technical Co-sponsor: IEEE Systems, Man and Cybernetics Society

The 13th International Conference on Intelligent Control and Information Processing (ICICIP2025) will be held in Muscat, Oman, February 6-11, 2025, following the successes of previous events. As the capital of Oman, Muscat is Oman's largest city with a population of over four million people and numerous tourist attractions. ICICIP2025 aims to provide a high-level international forum for scientists, engineers, and educators to present the state of the art of research and applications in related fields. The conference will feature plenary speeches given by world-renowned scholars, regular sessions with broad coverage, special sessions focusing on popular topics, and post-conference workshops/tutorials in the region.

Call for Papers and Special Sessions

Prospective authors are invited to contribute high-quality papers to ICICIP2025. In addition, proposals for special sessions within the technical scopes of the symposium are solicited. Special sessions, to be organized by internationally recognized experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organizing special sessions are invited to submit formal proposals to ICICIP2025. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information, and brief biographical information on the organizers.

Topic Areas: Topics of contributing papers include, but are not limited to, the following areas:

Intelligent Control and Automation

Autonomous systems, linear and nonlinear control, learning and adaptive control, intelligent control, optimization-based and optimal control, fault detection and identification, hybrid intelligent systems, networked control, fuzzy logic control, industrial automation, neural control, process control, robot control, mechatronic systems, environmental monitoring and control, intelligent manufacturing systems, microprocessor-based control, motor control, power systems, vehicle control, aerospace applications, and other applications.

Intelligent Information Processing

Machine learning, adaptive filtering, signal processing, audio/speech processing and coding, higher-order spectral analysis, nonlinear & blind signal processing, neural signal processing, component analysis array signal processing, array signal processing, parallel and distributed processing, time series analysis, multimedia signal processing, design and implementation of signal processing systems, DSP Implementations and embedded systems, image and multidimensional signal processing, image processing & understanding, computer vision & pattern recognition, bioimaging and signal processing, multimedia communications, computer vision & virtual reality, next generation mobile communications, communication signal processing, modulation and channel coding, network coding, sensor networks, cryptography and information security and other applications.

Paper Submission

Authors are invited to submit full-length papers (8 pages maximum) by the submission deadline through the online submission system. Potential organizers are also invited to enlist five or more papers with cohesive topics to form special sessions. The submission of a paper implies that the paper is original and has not been submitted under review or is not copyright-protected elsewhere and will be presented by an author if accepted. All submitted papers will be refereed by experts in the field based on the criteria of originality, significance, quality, and clarity. The authors of accepted papers will have an opportunity to revise their papers and take consideration of the referees' comments and suggestions. All accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Selected high-quality papers will be included in several journal special issues.

Important Dates

Special session proposals deadline……………………………………………………..…October 1, 2024
Paper submission deadline……………………………………………………….…....…November 1, 2024
Notification of acceptance…………………………………………………………….…....December 1, 2024
Camera-ready copy and author registration………………………………………..…..January 1, 2025