

The 19th International Conference on Control, Automation, Robotics and Vision

ICARCV

2026



14-17 Nov 2026



Halong Bay, Vietnam



CALL FOR PAPERS

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- School of Electrical and Electronic Engineering, Nanyang Technological University (NTU), Singapore
- Society of Control, Automation, Robotics and Vision, Singapore
- VinUniversity, Vietnam

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- IEEE Control Systems Society

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The 19th International Conference on Control, Automation, Robotics and Vision, ICARCV 2026, will be held in Halong Bay, Vietnam, from Nov. 14–17, 2026. The conference is co-organized by Nanyang Technological University, the Society of Control, Automation, Robotics and Vision, and technically co-sponsored by the IEEE Control Systems Society. ICARCV 2026 will be held fully in person. With over 35 years of history, ICARCV covers both theory and applications in control, automation, robotics, and computer vision, featuring technical sessions, invited sessions, keynote talks, plenary speeches, and panel discussions.

Proceedings of past ICARCV conferences have been indexed by ISI Proceedings, EI Compendex, and IEEE Xplore. Authors may also present journal papers accepted within 12 months before Nov. 14, 2026, from top-tier journals; however, these submissions will not be indexed in IEEE Xplore.

Important Dates

15th 30th JUNE 2026	Deadline for Full Paper & Invited Session Proposal submission
15th AUG 2026	Notification of Acceptance
25th AUG 2026	Deadline for Author's Registration
31th AUG 2026	Deadline for Camera Ready Manuscript Submission

VISION

Image/video analysis, 3D vision, feature extraction, segmentation, scene understanding, object recognition, tracking, biometrics, robot vision, medical imaging, face and gesture recognition.

ROBOTICS

Robot modeling, control, perception, navigation, mapping, dexterous manipulation, mobile/multi-robot systems, medical and bio-robotics, tele-robotics, and mechanism design.

CONTROL

Adaptive, robust, nonlinear, intelligent, networked, multi-agent, and biological control; estimation, sensor networks, precision motion control, data analytics, and AI in control.

TOPICS OF INTEREST

include, but are not limited to:

AUTOMATION

Human-machine interaction, process and intelligent automation, factory/service automation, planning and scheduling, instrumentation, biomedical applications, building efficiency, and fault diagnosis.

Paper and Invited Session Proposal Submission

- **Language:** English only
- **Format:** Papers should describe original work in detail, and only PDF files are accepted for submission
- **Template:** Download at <https://www.icarcv.sg>
- **Submission:** Full papers & Invited Session Proposals via <https://controls.papercept.net/conferences/scripts/start.pl>.

Upon acceptance, authors are required to register and present their papers at the conference. Papers which make outstanding contributions to the relevant topics will be considered for best paper awards.

ICARCV 2026 Website: <https://www.carvs-icarcv.org/>

For enquiries, please contact: info@carvs-icarcv.org