

2026 IEEE Conference on Control Technology and Applications

Get ready to experience the future of control technology in the vibrant city of Vancouver, Canada! The 10th IEEE Conference on Control Technology and Applications (CCTA 2026) will be held at the Sheraton Vancouver Wall Center, Vancouver, Canada, from Wednesday, 12 August to Friday, 14 August 2026 (Figure 1). The workshops will take place on Tuesday, 11 August 2026, prior to the conference. CCTA is one of the annual international conferences sponsored by the IEEE Control Systems Society (CSS), focusing on the advancement of control technology and applications. CCTA 2026 will bring together researchers from both academia and industry to share the latest discoveries and to exchange novel technologies in the application of control. The key dates can be seen in “Important Dates.”

Vancouver is well known for its breathtaking landscapes, thriving arts scene, and rich cultural heritage (Figure 2). The city offers a diverse mix of global cuisines and local specialties, making it a top destination for food enthusiasts. A variety of attractions are within walking distance of the conference venue. These include Stanley Park, the scenic Sea Wall, historic Gastown, Granville Island, beaches, hiking and forest trails, waterfront views, the Capilano Suspension Bridge, Grouse Mountain, the Vancouver Aquarium, and many others. We enthusiastically invite you to CCTA 2026 in Vancouver during the sunny summer season (Figure 3).

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TECHNICAL PROGRAM

The CCTA 2026 technical program will consist of regular and invited sessions, tutorial sessions, workshops, and exhibits. The plenary talks will be given by renowned academic and industrial experts in their fields. In addition to regular presentations, CCTA 2026 will have poster presentations. Submissions are encouraged in all areas of the theory and practice of control technology and applications.

Contributed Papers

Papers are invited to present novel research results in control technology and applications. These are normally six-page papers (or up to eight pages with additional page charges) in the two-column IEEE Conference Proceedings format. The papers will be submitted via PaperPlaza and will undergo peer review by the CSS Technical Conference Editorial Board. Details and paper templates are available on the website.



FIGURE 1 (a)–(c) The Sheraton Vancouver Wall Center will provide CCTA 2026 participants with a professional yet relaxing atmosphere, ideal for technical exchange and networking. (Source: Photos by the Sheraton Vancouver Wall Center.)

Important Dates

1 November 2025

Paper submission opens

31 January 2026

Tutorial and invited sessions proposals due

8 February 2026

Submission deadline (*no extensions*)

Early May 2026

Decision notifications

Early May 2026

Registration opens

1 June 2026

Final camera-ready submissions due

Invited Sessions

Invited sessions consist of five to six papers that present a unifying theme from diverse viewpoints. Proposals for invited sessions must clearly describe the motivation and relevance of the sessions. Proposals must be accompanied by full versions of each paper, which will be individually reviewed together with the proposal itself.

Tutorial Sessions

Tutorial sessions are organized to introduce and promote a topic of interest. They are structured around a main tutorial paper (up to 18 pages) and a talk (60 min) to offer a general overview of the topic to participants, followed by three presentations (with or without accompanying papers of up to six pages each) to provide a picture of the state of the art. Proposals for tutorial sessions must be submitted, and the review of the proposed sessions will be handled in the same manner as those for invited sessions.

IEEE Transactions on Control Systems Technology Paper Presentation

Authors of papers that have been published (or appeared in early access) in *IEEE Transactions on Control Systems Technology* after 1 January 2025 may apply to give oral presentations, unless



FIGURE 2 (a) Downtown Vancouver and (b) English Bay, mountains, and Lions Gate Bridge. (Source: Photos by Destination Vancouver.)

a conference version of the same paper has been presented elsewhere.

Workshops

Workshops to be held prior to the conference, on Tuesday, 11 August 2026, are solicited on all related topics. Proposals for one-day or half-day workshops addressing novel control methodologies, control applications, and control theory readily applicable to a wide range of applications, as well as workshops with a strong tutorial value, are strongly encouraged.

Exhibits

Exhibitors are invited to showcase, demonstrate, and market control-related publications, software tools, educational products, services, and jobs. Exhibits are open throughout the conference for all attendees. The exhibitors' hall is on the same floor as the conference program and easily accessible.

Students

Students are strongly encouraged to participate in CCTA 2026. Student participants are supported in various ways, with networking events among students as well as between students and professionals and CSS travel grants.

VENUE

The Sheraton Vancouver Wall Center is the official conference hotel, centrally located in the heart of downtown Vancouver, approximately 13 km



FIGURE 3 The Maple Leaf logo.

from Vancouver International Airport (YVR). The hotel is easily accessible by taxi, Uber, or SkyTrain, offering a convenient and connected base for both local and international delegates. All conference activities, including plenary sessions, breakout discussions, coffee breaks, the exhibition, and registration, will take place on the same floor, ensuring a seamless and efficient experience throughout the event. Designed to support both productivity and comfort, the Sheraton offers a professional and relaxing atmosphere, ideal for technical exchanges and networking. While the hotel is fully equipped to meet the needs of conference attendees, its central location places guests within walking distance of many of Vancouver's top attractions. A large block of guestrooms has been reserved for participants at a special group rate.

We look forward to welcoming you to Vancouver in August 2026. For more information, visit <https://ccta2026.ieeecss.org>.

