



7th IEEE Conference on Control Technology and Applications (CCTA) 2023 August 16-18, 2023 – Bridgetown, Barbados

CCTA 2023, the 7th IEEE Conference on Control Technology and Applications, will be held Wednesday through Friday, August 16-18, in Bridgetown, Barbados. CCTA 2023 will be an in person conference. CCTA 2023 is one of the main conferences sponsored by the IEEE Control Systems Society. The technical program will feature the presentation of contributed and invited papers, as well as tutorial sessions and workshops, focusing on technological advances and applications of control engineering. CCTA 2023 will spearhead a new initiative that emphasizes career networking and special sessions focused on industry relevant control problems. It will also provide an avenue for enhanced interactions between industry, government and academic researchers. With easy accessibility, including from Europe and the Americas, and industry sponsored sessions, significant participation from industry is anticipated. The conference includes all aspects of control engineering for practical control systems, from analysis and design, through simulation and hardware. CCTA 2023 will feature applications of control technology for robotic, mechatronic, biomechanical, aerospace, power and energy systems, mobility, smart cities, control of networks, AI/ML developments in control, and many others. Plenary lectures will be delivered on each of the three days as part of the conference program. A series of tutorial workshops will be presented on Tuesday preceding the conference. Authors of selected articles presented at CCTA 2023 will be invited to prepare an extended version of their work to be considered for publication in a Special Issue of IEEE Transactions on Control Systems Technology (TCST). Participants will have the opportunity to present their papers that were published in IEEE TCST in 2022-2023.

Call for Contributed Papers: Papers are invited in the form of regular manuscripts. Papers must conform to the submission policy, which will be provided on the website, requiring that all manuscripts be in 2-column format and meet strict page limits.

Call for Invited Sessions: Invited sessions consist of 5-6 papers, which should present a unifying theme from a diversity of viewpoints. Proposals must describe the motivation and relevance of the session. Proposals must be accompanied by full versions of each paper, which will be individually reviewed along with the proposal itself.

Call for Tutorial Sessions: Tutorial sessions and panel discussions addressing state-of-the-art control methods and advanced industrial applications are solicited.

Call for Workshops: Workshops to be held prior to the conference are solicited on all related topics. Proposals addressing novel control methodologies and applications are strongly encouraged. For information regarding proposal submissions contact Jakob Stoustrup <jakob@es.aau.dk>.

Call for Industrial Abstracts: As an application and industry-oriented conference, CCTA offers the possibility to submit industrial abstracts that are included in the conference preprints but not in the proceedings. The corresponding author must be affiliated with industry. Industrial abstracts must conform to the submission policy, described below, requiring that all manuscripts be in 2-column format and meet the strict page limits of 2-4 pages. They are subject to peer-review similar to regular contributed papers. Industrial abstracts might be submitted in terms of an invited or special session.



The conference will take place at the Hilton Barbados in Bridgetown. Located on the 17th-century ruins of Charles Fort, a UNESCO World Heritage Site, the Hilton Barbados Resort offers access to many amenities. Located 15 minutes from Bridgetown and the Mount Gay Rum Tour, and 40 minutes from Shark Hole Beach, there are many things to explore and enjoy.

Organizing Committee

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 Elisa Franco (Univ. of California, LA), Michaëlle Mayalu (Stanford), Student/Diversity & Inclusion Co-Chairs

Important Dates

Paper Submission Opens:
November 4th, 2022

Paper Submission Due:
January 31st, 2023

Decision Notification:
April 21st, 2023

Registration Opens:
Middle of May 2023

Final Submission:
Middle of June 2023