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5th IEEE Conference on Control Technology and Applications

CCTA 2021

August 8-11, 2021

The Westin San Diego, Gaslamp Quarter

General Chair's Welcome

The 2021 IEEE Conference on Control Systems Technology and Applications (CCTA) will be held Monday through Wednesday, August 9 - 11, at the Westin San Diego Gaslamp Quarter in downtown San Diego, CA. Known as California's beach city, San Diego enjoys near perfect weather year-round, many miles of spectacular coastline and a thriving downtown with a sophisticated art, nightlife and dining scene. Conference venue is located at the Gateway to San Diego's vibrant dining and entertainment district, the Gaslamp Quarter. Just steps away from local boutiques, galleries, restaurants and nightlife, and four blocks away from San Diego Convention Center and a short walk to Petco Park.

The CCTA 2021 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. This focus includes all aspects of control engineering for practical control systems, from analysis and design, through simulation and hardware. Themes such as energy, healthcare, manufacturing, and transportation will feature applications of control technology for robotic, automotive, biomechanical, aerospace, power and energy systems, control of networks, and many others. Plenary lectures focused on conference themes will be delivered on Monday and Tuesday as part of the conference program. Transition to Practice Award Lecture will be presented on Wednesday. A series of tutorial workshops will be presented on Sunday preceding the conference.

For the first time in this conference series, the participants will have the opportunity to present their papers that were published in IEEE Transactions on Control Systems Technology. Papers that appeared in TCST from issue 4, 2019 or have been accepted for publication are eligible. Further details will be advised on the conference website.

We look forward to meeting you in August 2021 in San Diego.

Call for Contributed Papers: Papers are invited in the form of regular manuscripts. Papers must conform to the submission policy, described below, 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 together with the proposal itself. Individual papers may be removed from a proposed session and replaced by appropriate contributed papers. In case an entire proposed session is rejected, selected papers may be accepted as contributed papers.

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

Call for Workshops: Workshops to be held prior to the conference are solicited on all related topics. Proposals for workshops addressing novel control methodologies and control applications are strongly encouraged.

Important Dates:

Submission site opens October 5, 2020

Initial submission deadline (Contributed Papers, Invited Papers, Invited Session Proposals and Tutorial Session Proposals) January 19, 2021

Notification of Acceptance/Rejection April 19, 2021

Final submission/registration sites open April 19, 2021

Final submission due date May 24, 2021

For further information visit/contact:

CCTA 2021 Website: ccta2021.ieeecss.org

Conference Secretary: [Misty Bass](mailto:Misty.Bass@ieee.org)



The 5th IEEE CCTA is sponsored by the IEEE Control Systems Society and European Control Association (EUCA) and is organized in cooperation with the Society for Instrument and Control Engineers (SICE).

Submission Policy

- All submitted papers must be formatted in the standard 2-column IEEE Proceedings format.
- For the purposes of REVIEW, papers are limited to 8 pages; papers exceeding this limit cannot be uploaded.
- For PUBLICATION in the Proceedings, accepted papers are limited to 6 pages; papers exceeding this limit are subject to a page over-length fee.
- A regular registration by an Author will allow the Author to upload up to 3 of the accepted papers the Author has (co)authored, and a reduced registration will allow the Student/Retiree Author to upload up to one of the accepted papers the (Student/Retiree) Author has (co)authored.

