



CCTA 2017

1st IEEE Conference on Control Technology and Applications

August 27-30, 2017

The Mauna Lani Bay Hotel and Bungalows
Kohala Coast, Hawai'i

Call for Papers

The inaugural 2017 IEEE Conference on Control Technology and Applications will be held on the beautiful Big Island of Hawai'i. This new conference, sponsored by the IEEE Control Systems Society, follows in the evolution of the former IEEE CCA to recent successful MSC venues, the last of which was held in 2016. The CCTA 2017 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. Major themes of 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.

CCTA 2017 will be held at the Mauna Lani Bay Hotel and Bungalows on the Big Island. The venue is a medium-sized, serene property on the west Kohala Coast, and the organizers have negotiated reasonable room rates which include all resort amenities. The Big Island of Hawai'i offers an abundance of natural beauty and sites, with 11 of the world's 13 climate zones. With a land mass of nearly twice the size of all other Hawaiian Islands combined, but with only a small fraction of the state's population, its diverse terrain spans green and black sand beaches to lush rainforests and waterfalls, and two active volcanoes within Volcanoes National Park.

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 presenting a unifying theme from a diversity of viewpoints. Proposals must clearly 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 ones.

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

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Submission Policy

- All submitted papers must be formatted in the standard 2-column Proceedings format.
- For the purposes of REVIEW, regular and invited papers are limited to 8 pages. Papers exceeding these limits cannot be uploaded.
- For PUBLICATION in the Proceedings, accepted regular and invited papers are limited to 6 pages; papers exceeding these limits 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.

Important Dates:

Paper submissions site css.paperplaza.net opens	December 15, 2016
Deadline for submission of Invited Session proposals	March 1, 2017
Deadline for submission of contributed and invited papers	March 1, 2017
Notification of acceptance/rejection, on-line registration opens	June 1, 2017
Deadline for final submission of all papers	July 1, 2017

All papers and session proposals must be submitted through the conference submission website css.paperplaza.net and **must conform** to the policy found on the CCTA 2017 web site, ccta2017.ieeecss.org. Papers must be submitted in English.

The 1st IEEE CCTA is sponsored by the IEEE Control Systems Society with technical co-sponsorship through the IEEE Robotics and Automation Society, and is organized in cooperation with the Society for Instrument and Control Engineers (SICE).

