



CDC 2010

49th IEEE Conference on Decision and Control

December 15-17, 2010

Hilton Atlanta, 255 Courtland Street, NE, Atlanta, GA, USA

Call for Papers

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The 49th IEEE Conference on Decision and Control will be held Wednesday through Friday, December 15-17, 2010 at the Hilton Atlanta, Atlanta, GA, USA. The CDC brings together an international community of researchers and practitioners to discuss new research results, perspectives on future developments, and innovative applications relevant to decision making, automatic control, and related areas.

Atlanta is one of the top five conference and convention cities in the US and is home to world-class restaurants, shopping, museums, cultural events and night life. The Hilton Atlanta is conveniently located within walking distance of many attractions, such as Centennial Olympic Park, the World of Coca-Cola, the CNN center, the Georgia Dome, Underground Atlanta, an historic shopping and entertainment center, and the Georgia Aquarium, which is the world's largest aquarium. Atlanta International airport is only 11 km from downtown and is a major gateway for international flights; easily reached from most major cities in the world.

The 49th CDC will feature the presentation of contributed and invited papers, as well as tutorial sessions and workshops. In addition to the standard oral presentations, the conference will also feature interactive presentations in order to encourage an interactive exchange with the audience. Topics for the interactive sessions will be selected specifically to benefit from the time for interaction and discussion that are not available in a typical lecture session, and the authors will be encouraged to make creative use of poster boards as well as hands-on computer simulations and demonstrations.

Call for Contributed Papers: Papers are invited in the form of regular manuscripts (allotted 6 Proceedings pages). Note that short manuscripts are not considered. 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 six 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 Interactive Papers: Papers are invited in the form of interactive papers to be presented in a way that involves interaction with the viewers, including simulations, experimental setup, visual demonstrations, and virtual reality tools.

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.

SUBMISSION POLICY

- All papers submitted to the 49th CDC, either for review or publication (after acceptance), 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 will NOT be reviewed.
- For PUBLICATION in the Proceedings, accepted regular and invited papers are limited to 6 pages.
- Papers exceeding these limits will be published only after payment of a page overlength fee.
- At least one of the authors of the paper must register for the conference at full member/ non-member rate to upload the final manuscript.

Important Dates:

Paper submissions site css.paperplaza.net opens	January 2, 2010
Deadline for submission of Invited Session proposals	March 15, 2010
Deadline for submission of contributed and invited papers	March 15, 2010
Notification of acceptance/rejection	July, 2010
Final submission and on-line registration opens	August, 2010
Nomination for Student Best Paper Award opens	August, 2010
Deadline for final submission of all papers	September, 2010

All papers and session proposals must be submitted through the conference submission website www.paperplaza.net and must conform to the policy found at the conference web site <http://www.ieeecss.org/CAB/conferences/cdc2010/index.php>. Papers must be submitted in English.

The 49th CDC is hosted by the IEEE Control Systems Society and is held in cooperation with the Society for Industrial and Applied Mathematics (SIAM), the Institute for Operations Research and the Management Sciences (INFORMS), the Japanese Society for Instrument and Control Engineers (SICE), and the European Union Control Association (EUCA).