



# CDC 2006

## 45<sup>th</sup> IEEE Conference on Decision and Control

December 13-15 2006

Manchester Grand Hyatt

San Diego, California USA

### Call for Papers

#### Organizing Committee

##### General Chair

**Pradeep Misra**, *Wright State University*  
pradeep.misra@wright.edu

##### Program Chair

**Rick Middleton**, *University of Newcastle*  
rick@ecemail.newcastle.edu.au

##### Vice Chair for Invited Sessions

**Iven Mareels**, *University of Melbourne*  
i.mareels@unimelb.edu.au

##### Vice Chair for Tutorial Sessions

**Doug Lawrence**, *Ohio University*  
dal@ohio.edu

##### Vice Chair for Interactive Papers

**Shuzhi Sam Ge**, *University of Singapore*  
elegesz@nus.edu.sg

##### Finance Chair

**Edwin Chong**, *Colorado State University*  
echong@colostate.edu

##### Registration Chair

**Baharam Shafai**, *Northeastern University*  
shafai@ece.neu.edu

##### Conference Editorial Board Chair

**Thomas Parisini**, *University of Trieste*  
parisini@univ.trieste.it

##### Publications Chair

**Lacra Pavel**, *University of Toronto*  
pavel@control.toronto.edu

##### Publicity Chair

**Andrea Serrani**, *Ohio State University*  
serrani@ece.osu.edu

##### Workshops Chair

**Oscar Gonzalez**, *Old Dominion University*  
gonzalez@ece.odu.edu

##### Exhibits Chair

**Atul Kelkar**, *Iowa State University*  
akelkar@iastate.edu

##### Local Arrangements Chair

**Mike Borrello**, *Trex Enterprises Inc.*  
mborrello@trexenterprises.com

##### Student Activities Chair

**Faryar Jabbari**, *University of California, Irvine*  
fiabbari@uci.edu

The 45<sup>th</sup> IEEE Conference on Decision and Control will be held Tuesday through Thursday, December 13-15, 2006 at the Manchester Grand Hyatt Hotel in San Diego, California USA.

The CDC annually brings together an international community of researchers and practitioners in the field of automatic control to discuss the latest advancements of the discipline, shape its future directions, and promote its diffusion among the scientific community at large.

San Diego is California's second largest city, blessed by an ideal climate, miles of pristine beaches, and unique world-class attractions, including Balboa Park, the San Diego Zoo, and Sea World.

The 45<sup>th</sup> 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 interaction 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 addressing state-of-the-art control theory and advanced industrial applications are solicited. Panel discussions are strongly encouraged.

**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.

**Exhibits** related to control education, control theory, and industrial applications are invited.

#### SUBMISSION POLICY

- All papers submitted to the 45th 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:

<b>Paper submissions site <a href="http://www.paperplaza.net">www.paperplaza.net</a> opens:</b>	<b>January 10, 2006</b>
<b>Deadline for submission of Invited Session proposals:</b>	<b>February 17, 2006</b>
<b>Deadline for submission of all papers:</b>	<b>February 24, 2006</b>
<b>Notification of acceptance:</b>	<b>July 20, 2006</b>
<b>Final submission and on-line registration opens:</b>	<b>August 1, 2006</b>
<b>Deadline for Final submission of all papers:</b>	<b>September 10, 2006</b>

All papers and session proposals must be submitted through the conference submission website [www.paperplaza.net](http://www.paperplaza.net) and must conform to the policy found at the conference web site [www.ieeecss.org/CAB/conferences/cdc2006/](http://www.ieeecss.org/CAB/conferences/cdc2006/). Papers must be submitted in English.

The 45<sup>th</sup> 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).