



# CCTA 2018

## 2<sup>nd</sup> IEEE Conference on Control Technology and Applications

August 21-24, 2018  
The Scandic Hotel Copenhagen  
Copenhagen, Denmark

### Call for Papers

The 2018 IEEE Conference on Control Technology and Applications will be held in Wonderful Copenhagen, Denmark. This conference is one of the main conferences sponsored by the IEEE Control Systems Society. It is the second in a series that follows an evolution, replacing the successful former IEEE CCA and IEEE MSC series. The CCTA 2018 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. Scandinavia has several strong control groups with a tradition of cooperation with companies, and 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. Major themes of energy, 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 will be delivered on each of the three days as part of the conference program. Confirmed plenary speakers are Dr. Peter Terwiesch (ABB), Dr. Anuradha Annaswamy (MIT), and Dr. Angeliki Pantazi (IBM).

CCTA 2018 will be held at the Scandic Hotel Copenhagen, located in central Copenhagen, with views of one of the three lakes and the city, and close to the Tivoli Gardens and the pedestrian street, Strøget.

**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 IEEE Proceedings format, written in English and meet strict page limits.

**Call for Invited Sessions:** Invited sessions consist of 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 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 nonstandard control applications are strongly encouraged.

### Organizing Committee

#### General Chair

**Jakob Stoustrup**  
*Aalborg University*

#### General Co-Chair

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*Imperial College London and University of Trieste*

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#### Workshops Chair

**Fumin Zhang**  
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#### Local Arrangements Chair

**John Bagterp Jørgensen**  
*Technical University of Denmark*

### Submission Policy

- All submitted papers must be formatted in the standard 2-column IEEE 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 <a href="http://css.paperplaza.net">css.paperplaza.net</a> opens	November 1, 2017
Deadline for submission of Invited Session proposals	January 15, 2018
<b>NEW! Extended submission date: February 1, 2018</b>	
Deadline for submission of contributed and invited papers	January 15, 2018
<b>NEW! Extended submission date: February 1, 2018</b>	
Notification of acceptance/rejection	April 23, 2018
Final submission and registration sites open	April 27, 2018
Deadline for final submission of all papers	May 21, 2018

All papers and session proposals must be submitted through the conference submission website [css.paperplaza.net](http://css.paperplaza.net) and **must conform** to the policy found on the CCTA 2018 web site, [ccta2018.ieeecss.org](http://ccta2018.ieeecss.org). Papers must be submitted in English. The 2<sup>nd</sup> IEEE CCTA is sponsored by the IEEE Control Systems Society, and is organized in cooperation with the Society for Instrument and Control Engineers (SICE).

