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# The 14th IEEE International Conference on Control & Automation

June 12–15, 2018

Sheraton Anchorage Hotel, Anchorage, Alaska, USA



## Final Call for Papers

The 14th IEEE International Conference on Control & Automation (IEEE ICCA 2018) will be held on June 12–15, 2018, in Sheraton Anchorage Hotel, Anchorage, Alaska, USA. The event is jointly organized by the IEEE Control Systems Chapter, Singapore, and the IEEE Victoria Section, Canada, and technically sponsored by IEEE Control Systems Society. It is to create a forum for scientists and practicing engineers throughout the world to present the latest research findings and ideas in the areas of control and automation. The conference is featured with the Best Paper Award and the Best Student Paper Award.

The conference will be held in Anchorage, a beautiful city in Alaska, USA, where you can meet a moose, walk on a glacier and explore a vast, natural park all in a single day. Between snowy mountains and an inlet, surrounded by national parks and filled with Alaska wildlife, Anchorage combines the best of Alaska in a city that has the comforts of home and the hospitality of the Last Frontier.

**IEEE ICCA Proceedings are included in EI Compendex, IEEE Xplore and ISI Proceedings.**

## Topics of interest include but not limited to

- Modeling of Complex Systems
- Linear Systems
- Robust and  $H_\infty$  Control
- Nonlinear Systems and Control
- Fuzzy and Neural Systems
- Estimation and Identification
- Fault Detection
- Process Control & Instrumentation
- Motion Control
- Flexible Manufacturing Systems
- Integrated Manufacturing
- Factory Modeling and Automation
- Micro and Nano Systems
- Sensor networks/networked control
- Optimal Control
- Discrete Event Systems
- Adaptive Control
- Learning Systems
- Intelligent and AI Based Control
- Real-time Systems
- Sensor/data fusion
- Robotics
- Automated and Guided Vehicles
- Control Education
- Control Applications
- Process Automation
- Man-machine Interactions
- Multi-agent systems

## Submission of Papers

Authors should submit the full version of their manuscripts online through the conference website at <http://www.ieee-icca.org> (or <http://uav.ece.nus.edu.sg/~icca18/>). General inquiries should be addressed directly to Program Chair, **Professor Yunfeng Zhang**, at the National University of Singapore (email: [mpezyf@nus.edu.sg](mailto:mpezyf@nus.edu.sg)).

Proposals for invited sessions in the relevant areas are also solicited and should be submitted through emails to Invited Session Chair, **Professor Jason Gu** at Dalhousie University (email: [jason.gu@dal.ca](mailto:jason.gu@dal.ca)).

All materials must be written in English, and a paper should be submitted only if you intend to present the paper at the conference. The manuscript to be submitted to the conference should contain sufficient details including key concepts and novel features of the work. It should include the title, authors, mailing addresses, affiliations, telephone and fax numbers and email addresses.

## Important Dates:

|                                    |                   |
|------------------------------------|-------------------|
| Extended Deadline for Submissions: | February 16, 2018 |
| Notification of Acceptance:        | March 15, 2018    |
| Submission of Final Manuscripts:   | April 10, 2018    |
| Conference:                        | June 12–15, 2018  |

