



The 15th IEEE International Conference on Control & Automation

IEEE ICCA 2019

www.ieee-icca.org

July 16–19, 2019, Edinburgh, Scotland

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IEEE Control Chapter for UK and Ireland

Technical Sponsor

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Call for Papers

The 15th IEEE International Conference on Control & Automation (IEEE ICCA 2019) will be held Tuesday through Friday, July 16-19, 2019, in Edinburgh, Scotland. The conference is jointly organized by IEEE Control Systems Chapter, Singapore, and IEEE Control Chapter for United Kingdom and Ireland. It is technically sponsored by IEEE Control Systems Society. It aims to create a forum for scientists and practising engineers throughout the world to present the latest research findings and ideas in the areas of control and automation, and possible contributions toward sustainable development and environment preservation. **The conference is featured with Best Paper Award and Best Student Paper Award.**

The conference will be held in Edinburgh which has been recognised as the capital of Scotland since at least the 15th century. Edinburgh is Scotland's second most populous city and the seventh most populous in the United Kingdom. It is the second largest financial centre in the United Kingdom (after London) and the city's historical and cultural attractions have made it the United Kingdom's second most popular tourist destination, attracting over one million overseas visitors each year.

Past IEEE ICCA Proceedings have been included in EI Compendex, IEEE Xplore and ISI Proceedings.

Topics of interest include but not limited to

- Modeling and Control of Complex Systems
- Linear Systems
- Robust and H_∞ Control
- Nonlinear Systems and Control
- Fuzzy and Neural Systems
- Estimation and Identification
- Fault Detection and Diagnostics
- Process Control & Instrumentation
- Motion Control
- Flexible Manufacturing Systems
- Integrated Manufacturing
- Factory Modeling and Automation
- Petri-Nets and Applications
- Micro and Nano Systems
- Sensor Networks
- Networked Control
- Control of Smart Power Delivery Systems
- Control of Distributed Generation Systems
- Optimal Control
- Discrete Event Systems
- Adaptive Control
- Learning Systems
- Intelligent and AI Based Control
- Real-time Systems
- Sensor/data Fusion
- Robotics
- Automated Guided Vehicles
- Control Education
- Control Applications
- Process Automation
- Man-machine Interactions
- Smart Structures
- Smart Buildings
- Energy Efficiency
- Multi-agent Systems
- Signal Processing

Submission of Papers

Regular papers in the full version should be submitted online at the conference website at www.ieee-icca.org. General inquiries should be addressed via Email at IEEE-ICCA-2019@ntu.edu.sg to the Program Chair, **Prof. Keyou You**. Proposals for invited sessions are also solicited and should be submitted to the Invited Session Chair, **Prof. Guoqiang Hu** via email: gqhu@ntu.edu.sg.

Deadline for Manuscript Submission: December 31, 2018

Notification of Acceptance: February 15, 2019

Submission of Final Manuscripts: April 30, 2019

