



IEEE CASE 2020 2020 IEEE 16th International Conference on Automation Science and Engineering

Call for Papers

The 2020 IEEE International Conference on Automation Science and Engineering (CASE) will be held on 20-24 August 2020 in Hong Kong. The IEEE CASE is the flagship automation conference of the IEEE Robotics and Automation Society and constitutes the primary forum for cross-industry and multidisciplinary research in automation. Its goal is to provide a broad coverage and dissemination of foundational research in automation among researchers, academics, and practitioners. The theme of the conference is Automation Analytics.

Conference Tracks

- Adaptive automation systems
- Agent-based collaborative automation systems
- Automated fault detection, diagnostics, and prognostics
- Automation in life science
- Autonomous systems
- Big data, data mining, and machine learning
- Cloud-based automation
- Cognitive Automation
- Cyber physical production systems and industry 4.0
- Cybersecurity in automation systems
- Human-robot interact machine
- Micro- and nano-scale automation technologies and applications
- Modeling, simulation, and optimization of automation systems
- Networked control systems
- Power and energy system automation
- Sensor-fusion for intelligent automation systems
- Smart factories, smart logistics and supply chains
- Smart products with embedded intelligence
- Smart automation in construction and manufacturing
- Smart home/building automation
- Smart and connected healthcare automation
- Standardization in smart manufacturing/home/building/healthcare etc
- Sustainability and green automation

Submission Web Site:

<http://ras.papercept.net/conferences/scripts/start.pl>



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- George Q HUANG (HKU)
- Michael WANG (HKUST)

<https://www.imse.hku.hk/case2020>

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Important Dates

January 15	Tutorial/ workshop proposal submission due
January 29	Tutorial/ workshop acceptance notification
February 15	Special session proposal/ RA-L submission due
March 1	Regular/ Special full paper submission due
April 1	Work in Progress/ Industrial paper/ Abstract only submission due
May 15	Paper acceptance notification/ Conference registration opens
June 15	Final paper submission due RA-L Author notification
June 30	Deadline of advanced registration
July 20	RA-L final submission



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Submission Format

- We strongly recommend to use the set of IEEE templates. Please be aware that PaperCept accepts only US-Letter format.
- **Regular papers** can be submitted with a length of 6-8 pages. For the final submission, a manuscript should be of 6 pages, with 2 additional pages allowed but at an extra charge.
- **Work in progress and Industry papers** can be submitted with a maximal length of 4 pages. Note that this category is especially useful for late breaking results or industry submissions. These papers will be included in the printed conference program, but not in IEEE Xplore. For uploading on PaperCept, please refer to Presentation Only Papers. For Industrial Papers at least one of the authors must be from industry.
- All papers must adhere to the IEEE style and will be peer-reviewed.
- PDF file: A manuscript file needs to be converted into its PDF version for submission. Please limit the size of the PDF file to be 3 Mb. See guidelines on manuscript preparation at IEEE.
- Proposal for a Special Session
- Proposal for a Workshop



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