

Due to 2019-nCoV, the submission deadline is extended. IEEE CASE2020 will be held in a mixed mode of “virtual / online attendance / presentation through Zoom” and traditional “face to face” (if the situation allows). For online presentations, we will substantially reduce the registration fees. More detail update can be found at our website.

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
- Sustainability and green automation

Submission Web Site:

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



26 March 2020

General Chairs

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

Venue: The University of Hong Kong

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

ieecase2020@hku.hk

UPDATED Important Dates

Mar 15	<ul style="list-style-type: none">• Tutorial / workshop proposal submission due• Special session proposal submission due
Mar 22	<ul style="list-style-type: none">• Tutorial / workshop acceptance notification• Special session acceptance notification
Apr 5	<ul style="list-style-type: none">• Regular / Special full paper submission due
May 30	<ul style="list-style-type: none">• CASE paper acceptance notification• Conference registration open• “Presentation only” submission due (Work in progress / Industrial talk / Abstract only)
Jun 20	<ul style="list-style-type: none">• CASE final paper submission due• “Presentation Only” acceptance notification
July 10	<ul style="list-style-type: none">• Deadline of early-bird registration• First announcement of CASE programme



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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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