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### Special Issue for the 19th IEEE International Conference on Automation Science and Engineering (CASE 2023)

The special issue aims to publish original, significant, and visionary automation papers describing scientific methods and technologies emerged during the presentations and discussions at CASE 2023. Submissions of scientific results from experts in academia and industry worldwide are strongly encouraged. Topics to be covered include, but are not limited to the 2023 Edition of IEEE CASE themes, namely:

- Human-centered automation
- Automation in life science
- Smart automation science and engineering
- Sustainability and green automation
- Automation in agriculture and horticulture
- Healthcare automation
- Automation in construction and buildings
- Automation in transportation and logistics
- Knowledge-based automation
- Manufacturing automation
- Cloud-based automation
- Data-driven system analytics and optimization
- Privacy and security in automation

#### Important Dates

- 1 March 2024: announcement of special issue.
- 1 July 2024: paper submission deadline.
- 1 November 2024: completion of the first-round review.
- 1 February 2025: completion of the second-round review.
- 1 April 2025: final submission due.
- 1 June 2025: tentative publication date.

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**Paper Submission**

All papers are to be submitted through the IEEE's **Manuscript Central** for Transactions on Automation Science and Engineering <http://mc.manuscriptcentral.com/t-ase>. Please select "Conference-Based Special Issue" under Manuscript Category of your submission. All manuscripts must be prepared according to the IEEE Transactions on Automation Science and Engineering publication guidelines <http://www.engr.uconn.edu/~ieeetase/>.