**Call For Papers**

**Special Issue: Artificial Intelligence in Industrial Applications**

**JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS**

As the AI technology has grown significantly to solve many human challenges, the industrial sector would be the crucial part that needs to be first addressed in demand for solutions, so as to improve facilities and quality production enriching human lives and improving the environment. The Journal of Chinese Institute of Engineers (JCIE) has therefore called a special issue for research articles that use AI technologies to solve or provide solutions to the wide variety of industrial challenges. The submitted papers should deal with applying state-of-the-art AI technologies to all aspects in the industrial challenges, but are not limited to the following:

1. Automated Optical Inspection (AOI)

2. Smart Manufacturing / Automated Production

4. Process Control / Heuristics / Scheduling / Optimization / Automation

5. The Applications of AI in Industry

6. Defect Detection / Quality Control

8. Integrated Solutions / Performance Evaluation

9. Explainable AI

10. Raw Material Transport

11. Big Data Analytics in Engineering (Methods and Applications)

12. Industrial Applications of Fuzzy Set Theory / Data-driven Decision-making

and Many More ...

The Journal is published in English and is indexed in the Science Citation Index (SCI), the Engineering Index (EI), SciSearch, Research Alert, and SciCurrent Contents. Perspective authors should follow the JCIE manuscript format described in the Information for Authors found in any issue of JCIE.

Submission Notice

1. Authors have to use the on-line submission at “Online Submission” to submit their manuscripts for the “**Special Issue for AI”** section for consideration as publications in this special issue of JCIE.

2. For details of online submission to JCIE, please refer to <https://jcie.ntust.edu.tw/> or <https://mc.manuscriptcentral.com/tcie>.

**Publication Schedule**

Manuscript Submission Due: July 1, 2021

Acceptance Notification: September 15, 2021

Final Manuscript Due: October 30, 2021

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