

Special Issue on
**Applications of Fuzzy and Hybrid Fuzzy AI Methods in
Embedded Robotics Field**

CALL FOR PAPERS

In today's world, most of the engineering applications are addressed and governed using Artificial Intelligence (AI) methods. Applications of AI methods in robotics fields help human beings achieve a smart and comfortable life. This special issue encourages the researchers to address established and newly developed Fuzzy and Hybrid Fuzzy AI methods applied to solve problems in robotics fields. Fuzzy techniques are considered as strong tools suitable to address various robotics applications, as they are capable of handling practical problems in real time and in simulation environments more pragmatically. The aim of the special issue is to show the current trends and developments of Fuzzy and Hybrid Fuzzy AI methods to solve robot control problems subjected to different conditions and scenarios.

Potential topics include but are not limited to the following:

- ▶ Applications of fuzzy systems in embedded robotics fields
- ▶ Applications of hybrid fuzzy-neuro systems in embedded robotics fields
- ▶ Applications of hybrid fuzzy-genetic systems in embedded robotics fields
- ▶ Applications of hybrid fuzzy-ACO in embedded robotics fields
- ▶ Applications of hybrid fuzzy-BFO in embedded robotics fields
- ▶ Applications of hybrid fuzzy-PSO in embedded robotics fields
- ▶ Applications of hybrid fuzzy systems in embedded robotics fields

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