Call for Papers

Special Issue of Artificial Intelligence and Knowledge Engineering (AI&KE) Journal on
"AI-Driven Robotics and Automation"

Scope & Objective

In a world increasingly shaped by **technological innovation**, **AI-powered robotics and automation** stand at the forefront of transformation, redefining how we **live, work, and interact** with intelligent systems. From **self-driving vehicles** to **collaborative robots (cobots)**, robotics continues to evolve, offering unprecedented efficiencies, automation, and **human-AI collaboration** across industries.

This **Call for Papers** seeks **high-quality original research** and **state-of-the-art reviews** addressing **emerging trends, methodologies, and applications** in **AI, Robotics, and Automation**. Our goal is to publish **cutting-edge contributions** that advance the field by exploring how AI enhances autonomous systems, optimizes workflows, and enables real-world solutions in various sectors.

Topics of Interest

Submissions are encouraged on (but not limited to) the following topics:

✓ **AI-Powered Robotics** – Autonomous systems, AI-enhanced robotic decision-making, and adaptive learning.

✓ **Collaborative Robots (Cobots)** – AI-enabled robots designed to work alongside humans, improving efficiency and safety in industrial settings.

✓ **Swarm Robotics** – Decentralized coordination inspired by biological systems, enabling large-scale robotic collaboration.

✓ **Soft Robotics** – Design and applications of flexible, pliable robotic systems mimicking natural organisms, with applications in healthcare and industrial automation.

✓ **Autonomous Vehicles & Mobility AI** – AI-driven advancements in self-driving cars, drones, and intelligent transportation networks.

✓ **Medical Robotics & AI in Healthcare** – AI-driven precision surgery, robotic diagnostics, telemedicine, and patient monitoring.

✓ **AI-Enabled Process Automation** – Intelligent automation in manufacturing, logistics, and supply chain optimization.

✓ **Ethical & Policy Implications of AI in Robotics** – Considerations for responsible AI, policy frameworks, and the societal impact of automation.

Submission Guidelines

✅ Manuscripts should be submitted via **Clarivate ScholarOne Manuscript Central**: IJAIKE Submission Portal: https://mc04.manuscriptcentral.com/jaike

✅ All submissions must be **original and not under consideration elsewhere**.

✅ Detailed submission requirements, including formatting guidelines and deadlines, can be found on the **journal website**: IJAIKE.org

Why Submit to IJAIKE?

✓ **Rigorous Peer Review** – High academic integrity, ensuring the highest research quality.

✓ **Rapid Publication** – Minimal backlog, enabling timely dissemination of impactful research.

✓ **Global Visibility** – Your research will reach a broad audience in AI, robotics, and automation.

We look forward to receiving **your valuable research contributions** and advancing the discussion on **AI-driven robotics and automation**. If you have any questions, please feel free to **reach out** to the editorial team.

Journal Website:	**http://IJAIKE.org/**
Authors' Instructions:	https://eaapublishing.org/journals/index.php/jaike/guidelines
Editorial policies:	**https://eaapublishing.org/journals/index.php/jaike/policies**

Best regards,

Dr. Biren (Brian) Prasad

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