Call for Papers
Special Issue of Artificial Intelligence and Knowledge Engineering (AI&KE) Journal

Title: Generative AI in Enterprise Automation: Research, Innovations, and Applications

The International Journal of AI and Knowledge Engineering (IJAIKE) is pleased to announce a Special Issue on **"Research & Applications of Generative AI in Enterprise Automation."** This special issue invites cutting-edge research and industry perspectives on how Generative AI is revolutionizing enterprise automation, driving efficiency, transforming decision-making, and reshaping AI-human collaboration. We welcome contributions exploring novel methodologies, architectures, and real-world applications that maximize AI's impact in business environments.

The IJAIKE journal is an open-access publication managed by the [Association for the Advancement of Knowledge Solutions (AAKS)](#) in cooperation with the [EurAsia Academic Publishing Group (EAPG).](#)

Topics of Interest:

Generative AI is revolutionizing industries by enabling the automation of complex workflows, enhancing decision-making, and transforming human-AI collaboration. As enterprises increasingly integrate AI-driven solutions, there is a growing need to explore novel methodologies, architectures, and real-world applications of generative models in enterprise settings. We invite high-quality original research and review articles on (but not limited to) the following topics:

- **Enterprise Applications of Generative AI**
    - Automation of complex business workflows using Generative AI
    - Generative AI for content automation in marketing, customer support, and HR
    - Conversational AI and intelligent virtual assistants
    - AI for decision support and enterprise intelligence
- **Technical Advancements**
    - Retrieval-Augmented Generation (RAG) for enterprise applications
    - Large Language Models (LLMs) and foundation models in enterprise settings
    - Efficient model training, fine-tuning, and inference for enterprise applications
    - AI-powered data synthesis, augmentation, and anomaly detection
    - Generative AI for personalized recommendations and adaptive learning

- **Challenges and Ethical Considerations**
  - Bias, fairness, and explainability in enterprise AI solutions
  - Data privacy, security, and compliance in AI-driven automation
  - Mitigating AI hallucinations and enhancing trust in enterprise AI systems
  - Ethical AI deployment and governance frameworks
- **Case Studies and Real-World Implementations**
  - Successful deployments of generative AI in enterprises
  - Comparative analysis of generative models for different business domains
  - AI-human collaboration in enterprises: best practices, challenges, and productivity impact

Submission Guidelines:

→Authors are invited to submit their manuscripts online via the **Clarivate ScholarOne Manuscript Central Submission** portal at https://mc04.manuscriptcentral.com/jaike
→Manuscripts must adhere to the journal's formatting guidelines and will be subject to a rigorous, single-blind peer-review process to ensure high-quality contributions.

Important Dates:
- **Submission Deadline:** December 15, 2025
- **Notification of Acceptance:** March 15, 2026
- **Final Manuscript Due:** June 15, 2026
- **Publication Date:** December 2026

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We look forward to your contributions to this exciting special issue!