Special Issue

Interpretable AI and Reinforcement Learning

Message from the Guest Editor

This Special Issue welcome original research contributions that cover, but are not limited to, the following topics:

- Novel techniques for interpretable AI or other interpretable methods in reinforcement learning or decision support systems.
- Application of Large Language Models (LLMs) in model interpretability for autonomous agents.
- Interpretability and transparency in autonomous or learning-based systems.
- Real-world applications of interpretable AI or other interpretable methods in robotics, healthcare, finance, and other industries.
- Hybrid approaches combining interpretable AI with autonomous agents.
- Explainable knowledge representation with autonomous agents.
- Case studies demonstrating successful applications in real systems.
- Comparative studies on the effectiveness of interpretable AI and reinforcement learning techniques.
- Studies using interpretable AI to increase decision trustworthiness.
- Behavioral comparison of model behaviors in decision support systems.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2025)

Electronics

About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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