

Special Issue

Controllable and Reliable AI

Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue of *AI*, entitled “Controllable and Reliable AI”. As artificial intelligence (AI) systems increasingly permeate critical domains—from healthcare and autonomous systems to finance and public policy—ensuring their controllability and reliability has become a paramount concern. This Special Issue seeks to advance the discourse on developing AI technologies that are not only high-performing but also transparent, accountable, and aligned with human values. We invite cutting-edge research addressing theoretical frameworks, methodological innovations, and practical implementations that enhance the safety, robustness, and ethical governance of AI systems. In this Special Issue, both original research articles and reviews are welcome. Topics may include (but are not limited to) controllability, reliability, and general AI. The following is a list of relevant topics:

- Computer vision;
- Edge computing;
- Foundation models;
- Integrated sensing and communication;
- Internet of things;
- Ethics and policy.

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