



an Open Access Journal by MDPI

Human-AI Teaming: Synergy, Decision-Making and Interdependency

Guest Editors:

Dr. Shixuan Fu

School of Economics and Management, University of Science and Technology Beijing, Beijing 100083, China

Dr. Bo Yang

School of Information, Renmin University of China, Beijing 100872, China

Dr. Alex Zarifis

Dauphine Researchers in Management (DRM), PSL University, Pl. du Maréchal de Lattre de Tassigny, 75016 Paris, France

Deadline for manuscript submissions: closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Recent progress in artificial intelligence (AI) has gradually made human–AI teaming possible. AI techniques assist or automate business operations and production practices. Advanced algorithms have also been applied to predict future passenger traffic, assisting human decision makers. AI teammates should be reasonably designed and managed for collective intelligence and interdependent decision making.

This Special Issue encourages submissions on the following topics:

- Al teammate design in a collaborative environment;
- Trust in human–AI collaboration;
- Prototyping for effective human-AI teaming;
- Group dynamics in human–AI decision making;
- Conflict management in human-AI teaming;
- Knowledge management in human-AI teaming;
- A systematic review on human-Al synergy;
- Software-driven automation of human–Al interaction;
- Behavior modeling of human–Al interdependency;

Specialsue

• Security and privacy issues in human–AI synergy



mdpi.com/si/134865





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. William T. Scherer

Chair, Department of Systems and Information Engineering, University of Virginia, Charlottesville, VA 22904, USA

Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SSCI (Web of Science), dblp, and other databases. **Journal Rank:** JCR - Q1 (Social Sciences, Interdisciplinary) / CiteScore - Q2 (*Modeling and Simulation*)

Contact Us

Systems Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/systems systems@mdpi.com X@Systems_MDPI