

Special Issue

Autonomous Human-Machine Teams: Knowledge, Information, and Information Gaps in Knowledge

Message from the Guest Editor

This Special Issue calls for submissions to *Knowledge* that address what can be knowable about autonomous human-machine teams. We include propositional knowledge (a declarative assertion that a claim about reality is true); procedural knowledge (an assertion that a claim is true about how best to perform a task in reality; e.g., engineering decisions, applications, data management); and the unknowable knowledge about interactions that is *sui generis* to teams, especially those affected by interdependence, as occurs in all human-human interactions. We claim that interactions can cause a gap in knowledge to be unknowable (Lawless et al., 2023).

Guest Editor

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Deadline for manuscript submissions

closed (1 September 2025)



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Message from the Editor-in-Chief

Knowledge is an international, peer reviewed, open access journal that serves as a scholarly platform for advancing research on knowledge across disciplinary boundaries. The journal publishes contributions that address both theoretical foundations and practical approaches to the representation, organization, analysis, and use of knowledge in scientific, engineering, social, philosophical, linguistic, educational, economic, and applied contexts. Its scope encompasses areas such as knowledge representation, knowledge-based systems, artificial intelligence, data and information analytics, cognitive science, and decision support, with particular emphasis on interdisciplinary research that connects knowledge with innovation and social impact.

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