



Welcome to AI Matters 9(2)

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Issue overview

Welcome to the second issue of this year's AI Matters Newsletter. As usual, we will start the issue with a conference report by Louise A. Dennis. Following it, we are very excited to present three award-winning or candidacy papers by Wijmans et al. (ICLR 2023 Outstanding Paper), Ma et al. (SIGKDD 2022 Best Paper), and Li, Liu, and Wu (CVPR 2023, Award Candidate). The papers cover a range of intriguing topics, such as the formation of spatial memory in navigation agents, causal modeling with hypergraphs, and full-body motion estimation from egocentric videos. Finally, we end this issue by a collection of "blue sky" ideas presented in the AAIL/ACM SIGAI New and Future AI Educator Program at EAIL 2023, summarized by Guerzhoy et al.

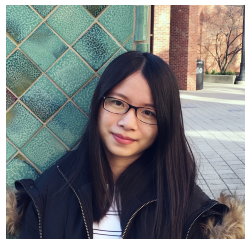


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Learning (PGML) Lab at Virginia Tech, where he develops novel ways of integrating scientific knowledge (or physics) with machine learning methods to accelerate scientific discovery from data.

Submit to AI Matters!

Thanks for reading! Don't forget to send your ideas and future submissions to *AI Matters*! We're accepting articles and announcements now for the next issue. Details on the submission process are available at <https://sigai.acm.org/main/ai-matters/>.



Ziyu Yao is co-editor of AI Matters. She is an Assistant Professor in the Department of Computer Science at George Mason University. Her research interests lie in natural language processing (NLP) and artificial intelligence (AI), particularly building natural language interfaces that can reliably assist humans in knowledge acquisition and task completion. She also works in NLP/AI for other disciplines such as Software Engineering and Bioinformatics.

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