



Welcome to AI Matters 4(3)

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Issue overview

Welcome to the third issue of the fourth volume of the AI Matters Newsletter. In this issue, we have some great news: we are bringing back the AI student essay contest! Please see the first article for details on this fun contest which is due January 10, 2019. In addition to the prizes discussed in the article, the winners will have their articles featured in AI Matters in the issue following their selection.

Our second big news item is an in-depth summary report of what ACM SIGAI has been working on for the last year. This report is in-depth and shows the wide extent that ACM SIGAI has been reaching out, from starting a new conference, helping with a variety of existing conferences, creating new awards, supporting members, adding new content to this newsletter, and increasing our social media presence.

In our regular columns, don't forget to check out upcoming AI related events, summarized well in Michael Rovatsos' events column. We got extra lucky this issue with two educational submissions! Michael Guerzhoy contributes an article on using deep learning and tensorflow in machine learning classes and Nathan Sturtevant discusses how to teach search algorithms to students in AI classes.

Our interview series is back! Marion Neumann has joined our contributing authors and will be working on interviews as well as other series. In this issue, Marion interviews Kristian Kersting, Professor in Computer Science and Deputy Director of the Centre for Cognitive Science at the Technical University of Darmstadt, Germany.

Larry Medsker's policy column looks into the recent report from the WEF on the future of jobs with increasing automation as well as vehicle automation. Finally, we close with two paper contributions. The first is a discussion of the Partnership on AI to Benefit People and Society. The second is a thoughtful pa-

per on the Mechanism Design for Social Good agenda.

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 <http://sigai.acm.org/aimatters>.



Amy McGovern is chief Editor of AI Matters. She is a Professor of computer science at the University of Oklahoma and an adjunct professor of meteorology. She directs the Interaction, Discovery, Exploration and Adaptation (IDEA) lab. Her research focuses on machine learning and data mining with applications to high-impact weather.