



Welcome to AI Matters, Volume 3, Issue 3

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DOI: [10.1145/3137574.3137575](https://doi.org/10.1145/3137574.3137575)

Welcome to the third issue in our third year of *AI Matters*! In the spring, ACM SIGAI sponsored a [student essay contest](#) on the “Responsible Use of AI Technologies.” This issue features the first set of winning essays from the contest, with the second set of winning essays to appear in the next issue.

In addition to having their essay appear in *AI Matters*, the contest winners received either monetary prizes or one-on-one Skype sessions with leading AI researchers. The students reported exceptional experiences:

I just had an absolutely phenomenal conversation with Eric Horvitz. Really so spectacular. Thank you so so so much for enabling this to happen. This was such a privilege and wonderful experience.

It was great talking to [Peter Norvig] and we discussed a broad range of topics from Autonomous Weapons, changes in the job market caused by automation to AI techniques to help people programming. It was very inspiring to talk to him!

Speaking of leading researchers, this issue’s **AI Interviews** column highlights Maja Matarić, the Vice Dean for Research and the Director of the Robotics and Autonomous Systems Center at the Univ. of Southern California.

In AI news, this issue includes the 2016-2017 ACM SIGAI Activity Report, which summarizes the annual activities of the SIGAI, reflections on *The 50 Years of the ACM Turing Award Celebration* by two student SIGAI scholars, and a report on the new China chapter of SIGAI.

The (buzz)word of this issue is *multi-agent path finding*. “What’s that?” you say. Well, you can read all about it in the **AI Buzzwords Explained** column. Or, if deep learning is more your thing, then check out the **AI Education** column on resources for teaching and learning about deep neural networks.

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Thanks for reading! Don’t forget to send your ideas and future submissions to *AI Matters*!



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search focuses on machine learning and data mining with applications to high-impact weather.

Submit to AI Matters!

We’re accepting articles and announcements for future issues. Details on the submission process are available at <http://sigai.acm.org/aimatters>.