

# 船井情報科学振興財団 留学報告書

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## NIPS 2016

In December 2016 I attended the Neural Information Processing Systems (NIPS) conference to give a talk on the paper titled “Deep Learning without Poor Local Minima” [1]. The conference was held in Barcelona, Spain. I also gave talks on the same topic in Google Cambridge, Tomaso Poggio lab at MIT, and Machine Learning tea at MIT.

The talk can be watched here: [talk](#). The full paper can be read here: [paper](#). And a short spotlight video can be viewed here: [spotlight video](#).



The conference room that the talk was held in, and a slide from my presentation

## MIT Hacks

MIT is famous for its “hacks”. A “hack” at MIT is a practical joke or prank that is done by some students, usually at the end of the year, or to celebrate a special occasion. Many of these hacks have some type of technical or engineering aspect to them. Since coming to MIT I have seen five or six different hacks.

Many of MIT’s most famous hacks involve the iconic MIT “Great Dome”, which is home to MIT’s engineering library. There’s a book titled “Nightwork: A History of Hacks and Pranks at MIT” that shows all of the many different hacks that have happened around campus, the most famous being when a group of students built a police car and put it on top of the dome.



Recently, on Earth Day, I was able to see my first MIT hack that involved the dome. You can see in this photo that the dome was covered so that it looks like the earth.

## References

- [1] Kawaguchi, K. (2016). Deep learning without poor local minima. In *Advances in Neural Information Processing Systems*.