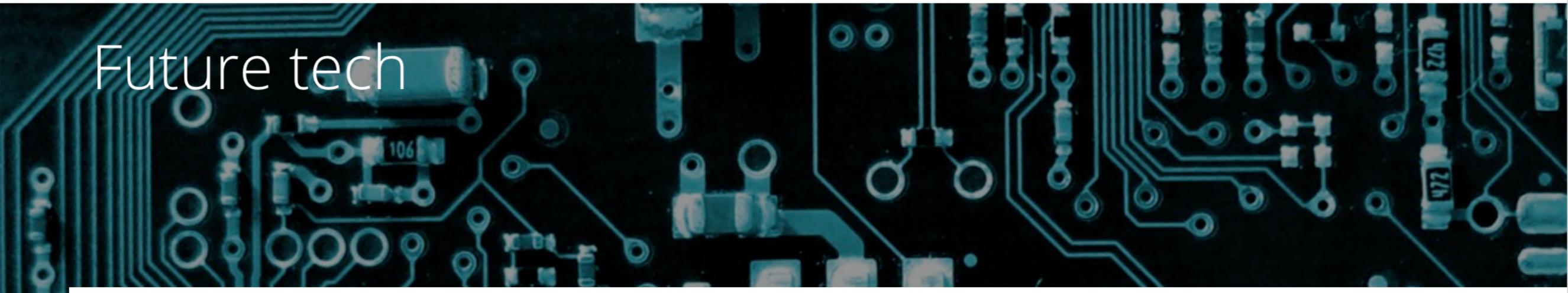


Deep learning
Photo: Simon Song

Preparations for the Future of A.I.

Yang Pochao





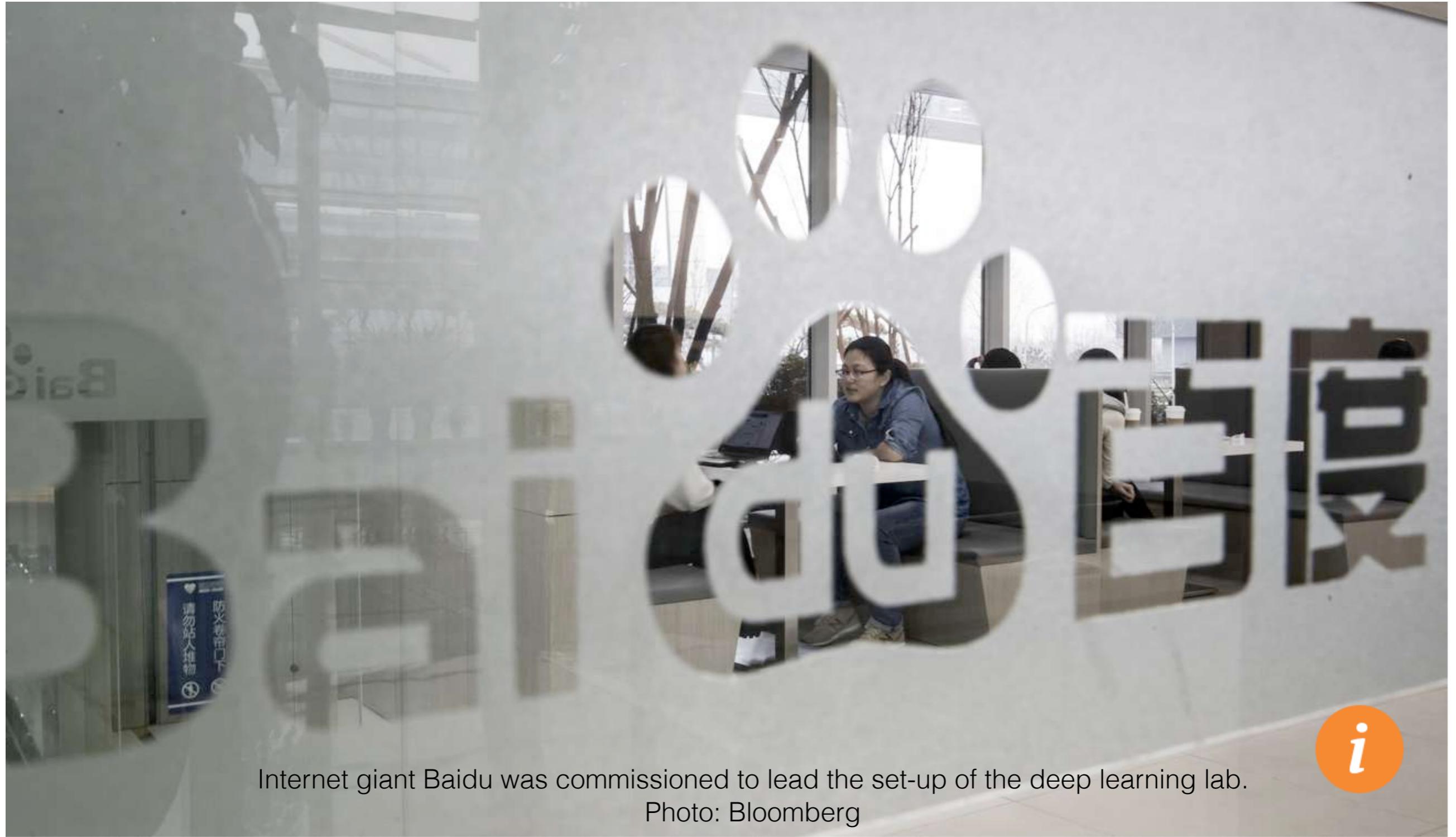
Future tech

China's first 'deep learning lab' intensifies challenge to US in artificial intelligence race

Search giant Baidu to head up research platform to develop technology that mimics human thought

Source: <http://www.scmp.com/tech/china-tech/article/2072692>

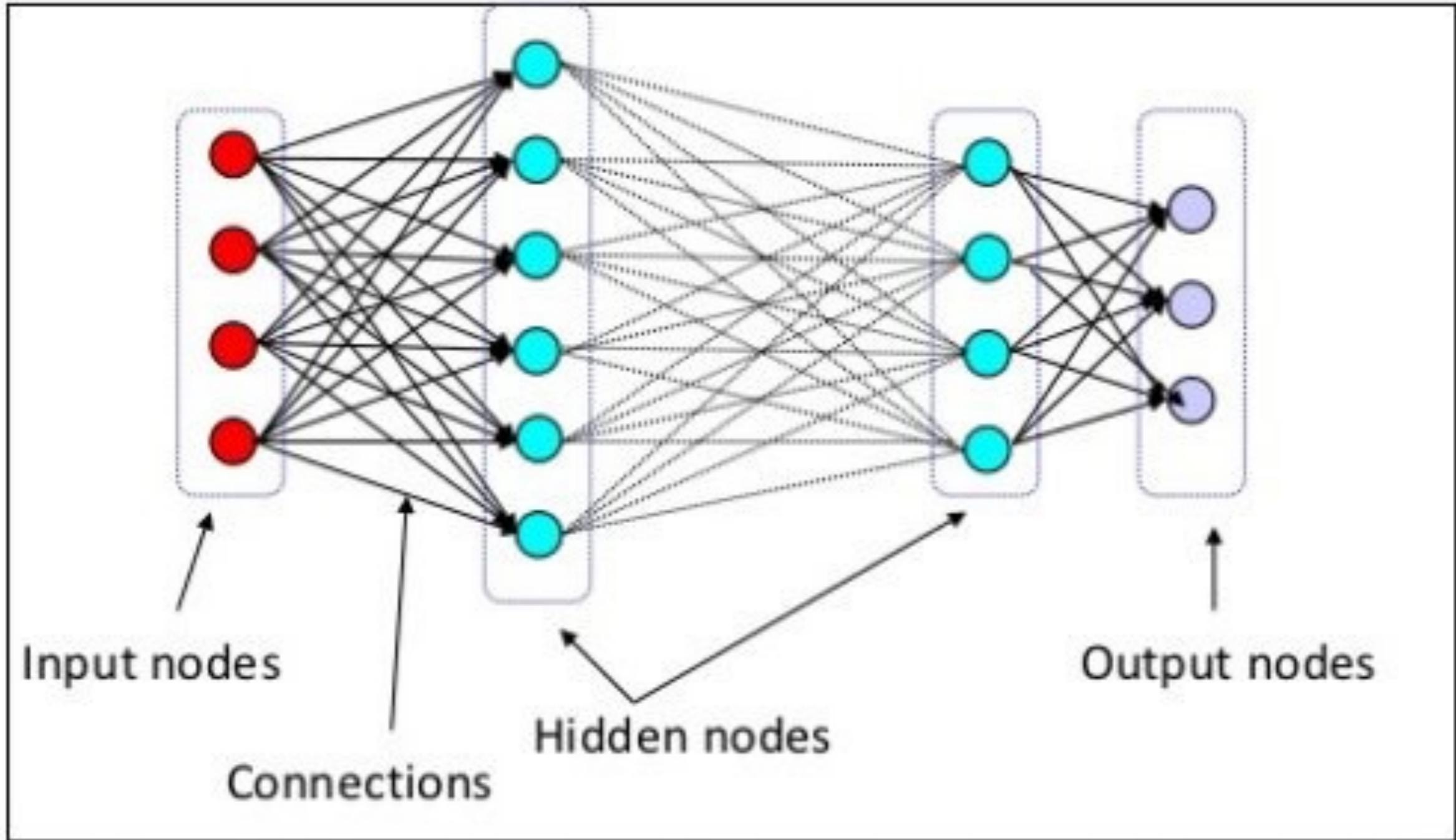
Beijing has given the green light for the creation of China's very first 'national laboratory for deep learning', in a move that could help the country to surpass the United States in developing artificial intelligence (AI).



Internet giant Baidu was commissioned to lead the set-up of the deep learning lab.

Photo: Bloomberg

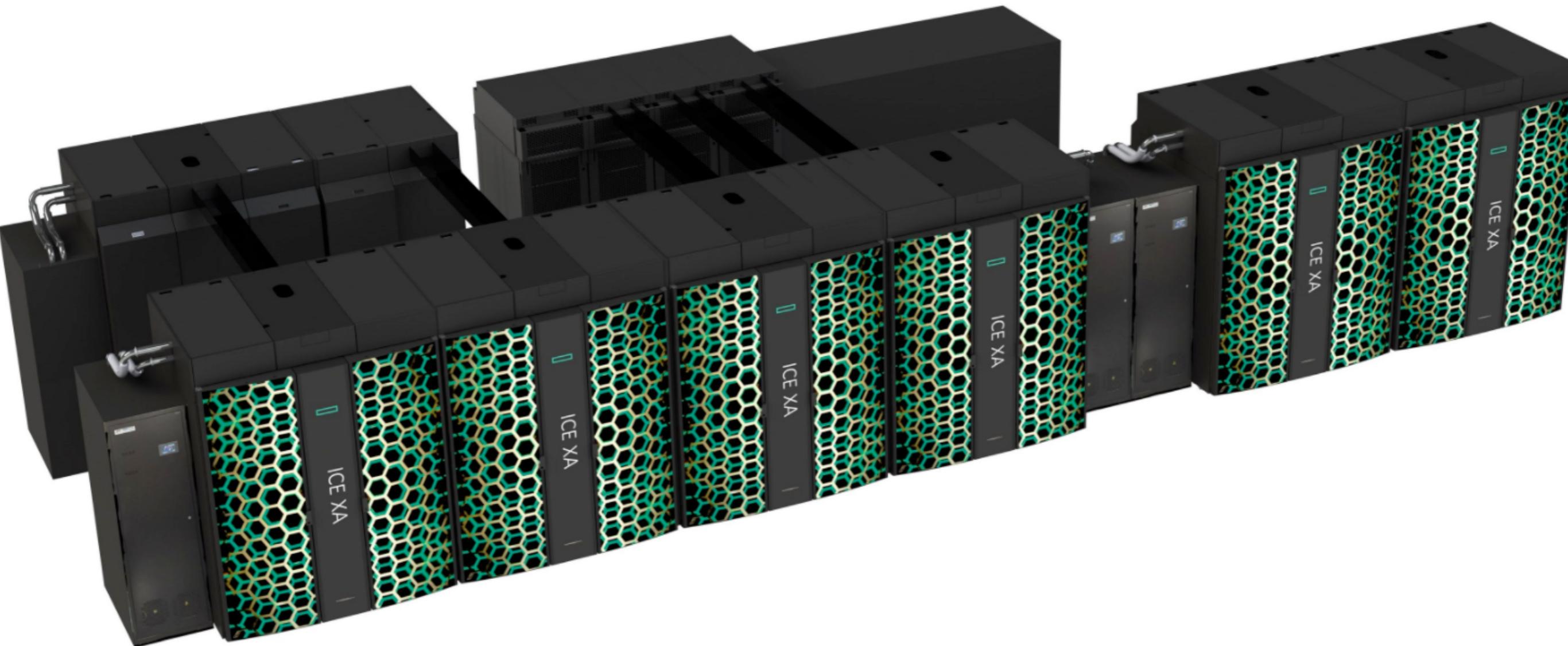
The lab will focus on seven areas of research including machine learning-based visual recognition, voice recognition, new types of human machine interaction and deep learning intellectual property



Source: <http://www.kdnuggets.com>

Deep learning is seen by many as the key to elevating AI to something approximating human intelligence

Source: <https://blogs.nvidia.com/blog/2017/02/16/tsubame3-ai-supercomputer>



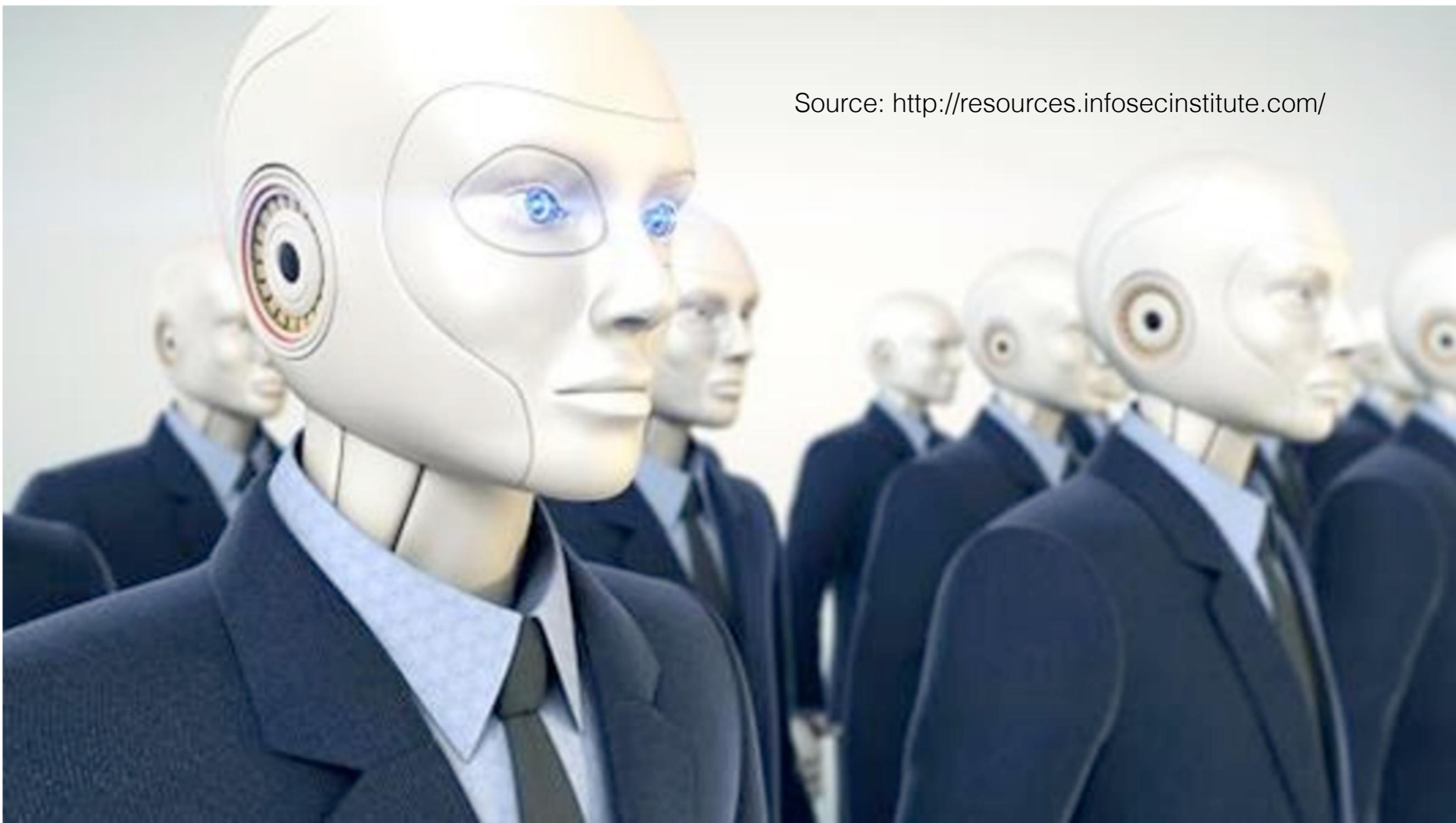
TSUBAME3.0 is designed with AI computation in mind and is expected to deliver more than 47 PFLOPS of AI data crunching horsepower.



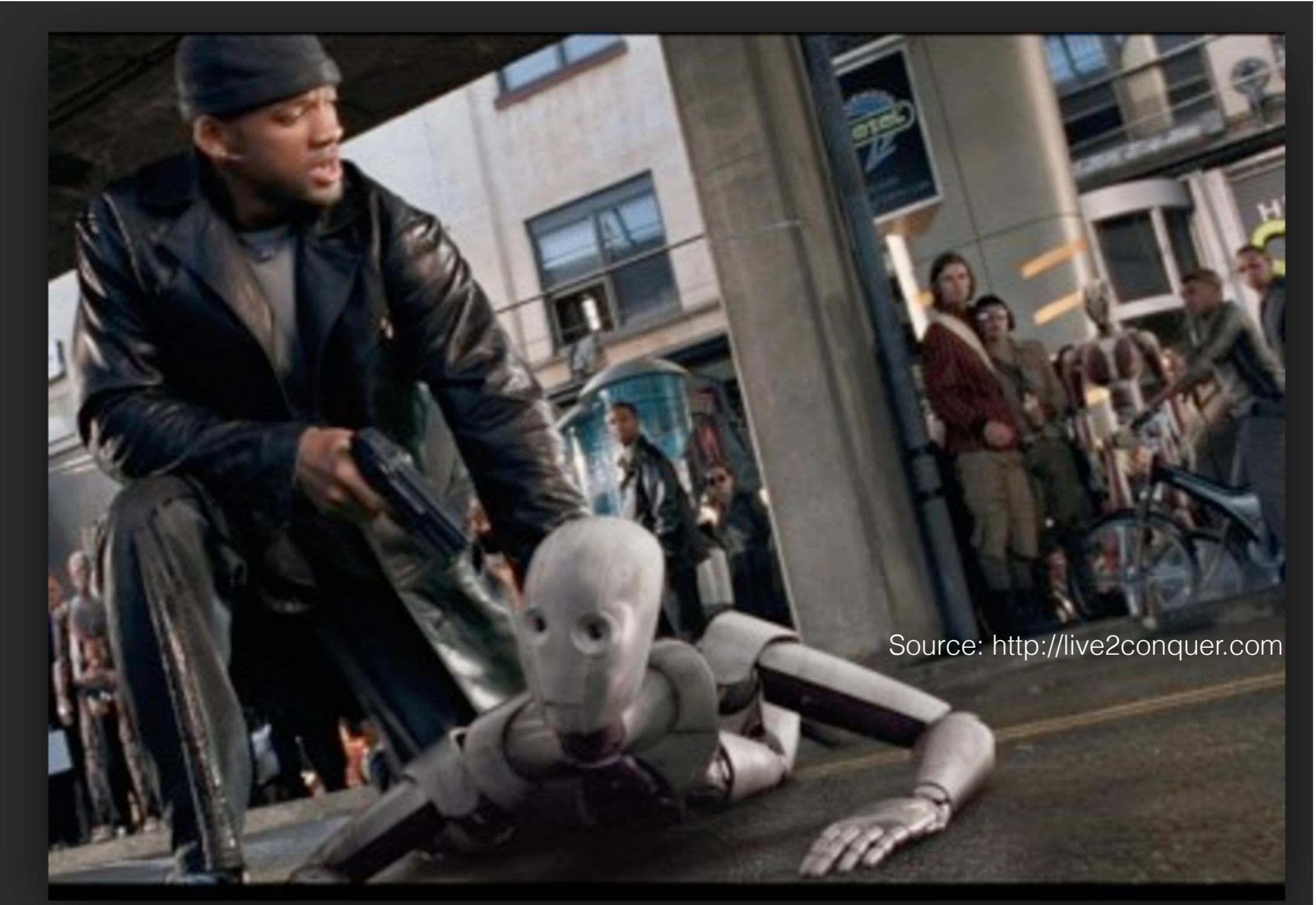
Source: <http://www.techrepublic.com/article>

The U.S., which has been developing AI for decades with a great ecosystem that is made of big name companies, universities and engineers, is thinking more.

Source: <http://resources.infosecinstitute.com/>



Automation through AI will likely "increase productivity and create wealth," and increase demand for skills associated with AI development. But, on the other side, it could also reduce demand for skills that could be automated away.



Source: <http://live2conquer.com>

“If I were to guess what our biggest existential threat is, it’s probably that. So we need to be very careful with the artificial intelligence” &&
“maybe, with artificial intelligence, we are summoning the **demon**”
— Elon, Tesla CEO



CHINA AND ARTIFICIAL
INTELLIGENCE IN 2017

Thank you for listening.

References

1. Alison DeNisco, “White House announces \$300M in tech funding”
2. Meng Jing, “China’s first ‘deep learning lab’ intensifies challenge to US in artificial intelligence race”