

Toby Walsh

TOBY WALSH BIO - short version

Toby Walsh is an ARC Laureate Fellow and Scientia Professor of AI at UNSW and CSIRO Data61, and adjunct professor at QUT. He is a strong advocate for limits to ensure AI is used to improve our lives, having spoken at the UN, and to heads of state, parliamentary bodies, company boards and many other bodies on this topic. He is a Fellow of the Australia Academy of Science and the winner of the prestigious Celestino Eureka Prize for Promoting Understanding of Science. He was named on the international "Who's Who in AI" list of influencers. He appears regularly on TV and radio, has been profiled by the New York Times and has authored five books on AI for a general audience, the most recent ones entitled "The Shortest History of AI" and "Faking It: Artificial Intelligence in a Human World".

TOBY WALSH BIO - long version

Toby Walsh is Scientia Professor of Artificial Intelligence at the University of New South Wales and CSIRO's Data61. He has a B.A. from the University of Cambridge and a M.Sc. and Ph.D. degree from the University of Edinburgh. He was named by the Australian newspaper as one of the "rock stars" of Australia's digital revolution.

Professor Walsh is a strong advocate for limits to ensure AI is used to improve our lives. He has, for example, been a leading voice in the discussion about killer robots, speaking at the UN, and to heads of state, parliamentary bodies, company boards and many other bodies on this topic.

He has been elected a Fellow of the Australian Academy of Science and of the Association for the Advancement of Artificial Intelligence. He is the winner of the prestigious Celestino Eureka Prize for Promoting Understanding of Science and was named on the international "Who's Who in AI" list of influencers. His twitter account was voted in the top ten to follow to keep abreast of developments in AI. He has won both the Humboldt Prize and the NSW Premier's Prize for Excellence in Engineering and ICT.

He has given talks at public and trade events like CeBIT, the World Knowledge Forum, TEDx, New Scientist Live and writers festivals in Adelaide, Bendigo, Bhutan, Brisbane, Canberra, Geelong, Jaipur, Margaret River, Melbourne, Mumbai, Nagpur, Pune, Sydney and elsewhere. He appears regularly on TV and radio, has been profiled by the New York Times and has authored five books on AI for a general audience, the most recent ones entitled "The Shortest History of AI" and "Faking It: Artificial Intelligence in a Human World".



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AV Requirements

Presentation

Toby sends his presentation via downloadable link ahead of the event.
The presentation is in Powerpoint 16:9 and generally doesn't include audio or video.
It does not require a wifi connection to play.

Stage

Please include a monitor on stage with a timer if possible.

Mic

Toby prefers a lavalier mic.

No Podium

Toby prefers no podium on stage.

SPEAKING TOPICS

What AI Can (and Can't) Do

AI is transforming our lives. What can it do? What will it do? What should we welcome or fear? It is clear that the next industrial revolution has started. However, there are many misconceptions and fears about where this will take us and if it will improve our lives. AI promises to help lift productivity, improve healthcare & education and tackle many other problems. But it also threatens many jobs, to transform warfare, and to increase inequality. Hear a frank assessment of the risks and the benefits from a leading expert in the area.

Future of Jobs

Automation looks set to replace many jobs in the next few decades. How many jobs will really be lost? And what work will be left for humans to do? In this talk, Toby Walsh discusses some of the myths and misconceptions about the future of jobs and injects some realism into how AI and Robotics will change the landscape of work.

Generative AI and More

Generative AI tools like Stable Diffusion and ChatGPT have caught the public attention. But what does this mean for your business? What are the risks? What are the opportunities? What do you need to understand about this technology and more importantly, how can you get in front of it?

Machines Behaving Badly: Ethical Challenges in AI

As we hand over more decisions to algorithms, and give more autonomy to machines, we have to worry about the implications and ethics of these new applications. There are many issues to address from fairness to facial recognition, and from phishing to intellectual property. In this talk, Toby Walsh discusses some of the challenges, as well as some of the proposals to ensure we build machines that act in ethical ways.

Many Fears About AI Are Wrong

Should you be worried about progress in Artificial Intelligence? Will Artificial Intelligence destroy jobs? Should we fear killer robots? Does AI threaten our very existence? Artificial Intelligence is in the zeitgeist. Billions of dollars are being poured into the field, and spectacular advances are being announced regularly. Not surprisingly, many people are starting to worry where this will all end. What should you make of all this? Should you worry? Are you worrying about the right things? And what should we do now to ensure a safe and prosperous future for all?

Future of AI

With generative AI tools like Stable Diffusion and ChatGPT in the spotlight, AI is having (one of its many) moments. Yet this is just the tip of the iceberg. What is underneath? What bigger developments are coming? What do you need to do to prepare? It is time to question some major assumptions. In this engaging talk, Toby Walsh paints a picture of what the future of AI will likely look like so you can take advantage of the AI revolution.

For more information visit: <https://tobywalsh.ai>