



EVENT PROGRAM

AI and ethics

Friday 22 February 2019, 11.45am to 2.00pm
Park Hyatt Melbourne

EVENT MAJOR SPONSOR



committee for economic development of australia

www.ceda.com.au

agenda

- 11.45am Registrations
- 12.10pm Welcome
Michael Camilleri
State Director Victoria and Tasmania, CEDA
- 12.15pm Lunch
- 12.40pm Introduction
- 12.50pm Moderated discussion and questions
Katherine Bailey
Senior Principal, Accenture Technology, Accenture
- Dr Jed Horner
Policy Manager, Standards Australia
- Professor Toby Walsh
Scientia Professor of Artificial Intelligence, UNSW
- Moderated by
Antony Cook
Associate General Counsel, Corporate, External and Legal Affairs, Asia,
Microsoft
- 1.30pm Audience Q&A
- 1.55pm Vote of thanks
Antony Cook
Associate General Counsel, Corporate, External and Legal Affairs, Asia,
Microsoft
- 2.00pm Close
Michael Camilleri
State Director Victoria and Tasmania, CEDA

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Microsoft

Human ingenuity amplified by intelligent technology

You don't have to be a technology expert – or even more than a casual observer of the field – to know that the hottest topic in technology today is artificial intelligence.

AI combined with human ingenuity is already helping people to do amazing things. Thanks to AI advances, we can communicate more easily across multiple languages and even discover more personalized cancer treatments. And that's just the beginning. We are in the nascent stage of AI breakthroughs, and we can only imagine the possibilities of what people and technology will be able to do together.

Despite all this potential, AI is probably one of the least understood technological breakthroughs in modern times. That makes sense. After all, anyone can tap on a smart phone screen, pick up a gaming controller or slip on a HoloLens and immediately understand why it is something people will use, love and come to rely on. By contrast, AI isn't something you can see or touch, and you may not even realize you are using it. In fact, most of us are probably relying on technology that uses AI every day, without even knowing it.

Microsoft also uses AI to help doctors and biochemists better understand, prevent and treat the world's deadliest and most confounding diseases, by analyzing vast amounts of medical data to look for useful patterns. Those breakthroughs wouldn't be possible without the combination of data, the AI algorithms that can analyze data, the cloud computing to process it -- and the human experts who can apply those results to make medical breakthroughs.

We use AI to help people break down cultural barriers and understand each other better, by providing real-time translation and speech recognition through Microsoft Translator. And we call on AI to assist in making people's busy days easier and more productive, by building technology such as Cortana that reminds us of upcoming appointments, recognizes the words that we say and finds facts in a pinch. Because it uses AI, Cortana learns your preferences and can personalize your experience based on past behavior to help get things done.

As AI begins to augment human understanding and decision-making in fields like education, healthcare, transportation, agriculture, energy, and manufacturing, it will raise new societal questions. How can we ensure that AI treats everyone fairly? How can we best ensure that AI is safe and reliable?



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How can we attain the benefits of AI while protecting privacy? How do we not lose control of our machines as they become increasingly intelligent and powerful?

Business leaders, policymakers, researchers, academics and representatives of civil society must work together to ensure AI based technologies are designed and deployed in a manner that will earn the trust of the people who use them and the individuals whose data is being collected.

The Partnership on AI, an organisation co-founded by Microsoft, is one vehicle for advancing these discussions. www.partnershiponai.org

panelist

Katherine Bailey

Senior Principal, Accenture Technology, Accenture

Twitter: @Katherinebailey

Katherine Bailey is the Natural Language Processing lead within Accenture Australia's AI and Automation Engineering group. Originally from Dublin, Ireland, her background is in software engineering and data science, with over a decade in the technology industry, primarily in Canada, the US and Australia.

Prior to joining Accenture, she was Principal Data Scientist at Acquia, a Boston-based Software-as-a-Service company, where she spearheaded the company's Machine Learning initiative. Katherine speaks and writes regularly on the topic of AI and is committed to dispelling the myths and removing the confusion around it, teasing apart the real from the imaginary implications of these technologies, both practical and ethical. She recently presented to Google on the topic of controlling for morally relevant bias in NLP as part of Google's Ethics in AI invited speaker series.



panelist

Dr Jed Horner

Policy Manager, Standards Australia

Dr Jed Horner is Policy Manager for Standards Australia. He works to enhance Australia's participation in ICT Standards, including through global fora, and drives engagement with industry domestically. He has been engaged in large scale strategy development for the NSW Government, including on digital transformation and innovation. Prior to working in Government, Jed was instrumental in major Commonwealth anti-discrimination law reform and was a Project Director for the Australian Human Rights Centre at UNSW, Sydney. He continues to serve in a number of advisory capacities in relation to social impact, including as a Board Member of Survivors and Mates Support Network Inc., NSW's first dedicated support service for male survivors of childhood sexual abuse.



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panelist



Professor Toby Walsh

Scientia Professor of Artificial Intelligence, UNSW

Twitter: @TobyWalsh

Toby Walsh is Scientia Professor of Artificial Intelligence at the University of New South Wales and Data61. 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 been a leading voice in the discussion about autonomous weapons, speaking at the UN in New York and Geneva on the topic. He is a Fellow of the Australia Academy of Science and recipient of the NSW Premier's Prize for Excellence in Engineering and ICT. He appears regularly on TV and radio and has authored two books on AI for a general audience, the most recent entitled "2062: The World that AI Made".

facilitator



Antony Cook

Associate General Counsel, Corporate External and Legal Affairs, Microsoft Asia

Antony Cook is Microsoft's Associate General Counsel for Corporate, External and Legal Affairs for Asia. Antony leads a multi-disciplinary team of 70 professionals that are responsible for providing legal and compliance support to business groups operating in the region; industry, community and government affairs counsel to Microsoft's in-country operations; and support for digital security, intellectual property and data protection issues.

Antony joined Microsoft in 2002 in Sydney leading the legal support for Microsoft's businesses in Australia and New Zealand. Antony moved to Singapore in early 2006, initially working as the Regional Director for Public Sector support in Asia Pacific before taking responsibility for the CELA team for Microsoft's businesses in South East Asia in July 2007. Antony moved to Istanbul in December 2010 to build and manage the CELA team in the Middle East and Africa, in August 2017 he returned to Singapore and his current role.

CEDA Victoria

Unlocking innovation and jobs for Melbourne

DATE Thursday 14 March 2019, 11.45am to 2.00pm

VENUE Sofitel Melbourne on Collins

SPEAKERS The Hon. Gavin Jennings MLC, Special Minister of State, Minister for Aboriginal Affairs, Minister for Priority Precincts, David Brown, Head of Strategic Consulting – VIC, JLL, Natalie MacDonald, Vice-President (Development), La Trobe University, Meredith Sussex AM, Chair, Fishermans Bend Ministerial Advisory Committee, Tim O'Loan, Director of Cities, Australia & New Zealand, AECOM

EVENT OVERVIEW CEDA brings together leaders in the development of Melbourne's employment and innovation clusters to share insights on these unique opportunities for economic development and urban renewal.

Sponsored by CEDA Members AECOM.

2019 Economic and Political Overview in Melbourne

DATE Friday 15 March 2019, 11.45am to 2.00pm

VENUE Park Hyatt Melbourne

SPEAKERS The Hon. Tim Pallas MP, Treasurer of Victoria, Michael Blythe, Chief Economist and Managing Director, Economics, Commonwealth Bank of Australia

EVENT OVERVIEW CEDA's Economic and Political Overview in Melbourne provides expert analysis and forecasts for the year ahead. Hear from our annual keynote speaker Treasurer of Victoria, the Hon. Tim Pallas and Commonwealth Bank Chief Economist, Michael Blythe.

Sponsored by CEDA members Clayton Utz, La Trobe University and Plenary Group.

Budget balance; underwriting Australia's social compact

DATE Tuesday 19 March 2019, 7.15am to 9.00am

VENUE Sofitel Melbourne on Collins

SPEAKERS Jarrod Ball, Chief Economist, CEDA

EVENT OVERVIEW Has Australia done enough to secure its long-term fiscal position and fund the strong social compact between community and government? Join CEDA to discuss findings and recommendations from our forthcoming report, Budget balance: underwriting Australia's social compact.

Sponsorship opportunities available.





about CEDA

CEDA is a respected independent national organisation with an engaged cross-sector membership. More than 780 of Australia's leading businesses, organisations and academic institutions from around the country are members of CEDA. For more than 50 years, CEDA has delivered informed discourse and rigorous research to influence good public policy for Australia's economic and social development.

Membership

Organisations join CEDA because CEDA delivers exposure to high level thought leadership, timely briefings on issues of economic importance, access to networking and brand reach through sponsorship and hosting opportunities. In addition to high profile public events, CEDA also delivers regular member only events for employees of member organisations and exclusive Trustee only boardroom briefings for senior executives from member organisations. These provide a unique opportunity for peer-to-peer knowledge exchange and for speakers and attendees to talk candidly on issues.

Research and policy

CEDA's only agenda is to pursue good public policy to progress Australia's economic and social development. Since 1960 CEDA has produced more than 3000 publications, research reports and articles highlighting emerging issues and directions in a diverse range of policy areas. Research in 2019 will focus on inequality; community attitudes to economic growth and development; and a major review of the purpose of economic growth and development in Australia.

For more information on CEDA membership, research and events please contact:

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