

The AI Value Chain: Research and Policy Priorities

Bennett Institute for Public Policy & Organisation for Economic
Co-operation and Development (OECD)

McGrath Lecture Theatre, St. Catharine's College, Cambridge / Online

Tuesday 6 May 2025

09:15 – 10:00 | Registration & Refreshments

10:00 - 11:00 | Technical Keynote

How should policymakers think about the AI value chain? What technical advances in AI are shaping its capabilities, and what are the emerging risks and opportunities?

Speaker: Neil Lawrence, University of Cambridge. Chair: Diane Coyle, Bennett Institute for Public Policy

11:00 – 11:15 | Break

11:15 - 12:45 | Hardware & Compute

What roles do hardware and compute play in the AI value chain? What are the dependencies, and how do they shape policy priorities?

Panellists: Matt Davies, Ada Lovelace Institute; Guy Lalanne, OECD; Aleksei Turobov, Bennett Institute for Public Policy; Boxi Wu, Oxford Internet Institute. Chair: Diane Coyle, Bennett Institute for Public Policy

12:45 – 13:45 | Lunch

13:45 - 15:15 | AI Innovation & Diffusion

Where are the key areas of and trends in AI diffusion, and what are the implications for policy?

Panellists: Flavio Calvino, OECD; Diane Coyle, Bennett Institute for Public Policy; Natasha McCarthy, Royal Academy of Engineering; Paul Nightingale, University of Sussex. Chair: Jessica Montgomery, University of Cambridge

15:15 – 15:30 | Break

15:30 - 17:00 | Use Cases

How might AI be used in the public and private sectors? How do the economic incentives and societal implications interact?

Panellists: Eric Sutherland, OECD, Kristin-Anne Rutter, Cambridge University Health Partners; Jessica Montgomery, University of Cambridge; Hannah-Beth Clark, Oak National Academy. Chair: Guy Lalanne, OECD

17:00 – 18:00 | Drinks Reception

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Wednesday 7 May 2025

09:15 – 10:00 | Registration & Refreshments

10:00 - 11:00 | Economic Keynote: Should we fear AI?

How might progress in AI be measured, and in a way that promotes public value?

Speaker: Philippe Aghion, Collège de France. Chair: Guy Lalanne, OECD

11:00 - 13:00 | AI's Economic and Societal Implications

Given the current and potential future uses of AI, how can policymakers not only manage the risks of AI but also ensure that it benefits society as a whole?

Panellists: Jade Alglave, UCL/Arm; Sabrina Küspert, European AI Office; Aled Owen, Responsible AI UK; Bill Thompson, BBC. Chair: Diane Coyle, Bennett Institute for Public Policy