PROF. MICHAEL WOOLDRIDGE

- **World's Leading Authority on Artificial Intelligence**
- **Former President of the International Joint Conference on Artificial Intelligence (JCAI)**
- **Co-editor-in-chief of Artificial Intelligence Journal, the Oldest International Journal for Ai**
- **Published More Than 400 Journals and Author of 9 Books**

Topics

- Artificial Intelligence
- Author
- Innovation
- Journalist
- Technology

Professor Michael Wooldridge is a distinguished academic and researcher, serving as the Head of Computer Science at the University of Oxford and the Co-programme Director for AI at The Alan Turing Institute. His outstanding contributions to the field of artificial intelligence have been recognized with the prestigious Lovelace Medal from the British Computer Society, highlighting his exceptional achievements and impact.

As a Fellow of four AI and computing societies and associations, including ACM, AAAI, EURAI, and BCS, Professor Wooldridge's expertise and influence extend far beyond academia. rofessor Wooldridge's impact on the field is widely recognized. His leadership roles as President of the International Joint Conference on Artificial Intelligence (IJCAI), President of the European Association for AI (EurAI), and President of the International Association for Autonomous Agents and Multiagent Systems (IFAAMAS) further underscore his influence within the global AI community.

Professor Wooldridge's collaborative efforts with industrial partners such as Accenture Global Solutions, Facebook, JP Morgan, Oxford Asset Management, Schlumberger, and Vodafone underscore his commitment to bridging the gap between academia and industry. Together, they aim to enhance agent-based AI models, particularly in sectors such as financial modeling and logistics, with the goal of driving impactful advancements in decision-making processes.

His team's groundbreaking work in using agent-based models to understand the causes of "flash crashes" in global markets exemplifies their dedication to addressing real-world challenges. This ongoing project demonstrates Professor Wooldridge's commitment to leveraging AI for societal benefit and economic growth.

Recently appointed as one of the inaugural Turing Artificial Intelligence World-Leading Researcher Fellows, Professor Wooldridge joins a select group of internationally recognized researchers tasked with tackling the most pressing challenges in AI research. Named after AI pioneer Alan Turing, these fellowships signify the UK's commitment to fostering innovation and retaining top talent in the field.

Beyond academia, Professor Wooldridge's contributions to public understanding of AI are notable. He delivered the prestigious Royal Institution Christmas Lectures in 2023 and authored popular science books such as the Ladybird Expert

Guide to Artificial Intelligence and The Road to Conscious Machines, making complex AI concepts accessible to a wider audience.

As co-Editor-in-Chief of the Artificial Intelligence Journal and a member of several editorial boards, Professor Wooldridge continues to shape the discourse within the field. His dedication to fostering collaboration and innovation underscores his enduring impact on the landscape of artificial intelligence research.

Professor Wooldridge's research, alongside that of his esteemed colleagues, promises to have a transformative impact on the international AI research landscape. From personalized medicine to autonomous vehicles, their work holds the potential to revolutionize decision-making processes and drive societal advancements across various domains.