



All-Party Parliamentary Group on Artificial Intelligence



**BIG
INNOVATION
CENTRE**
Secretariat

2024 ... 2025

INTRODUCING THE ALL-PARTY PARLIAMENTARY GROUP ON AI (APPG AI)

APPGs are informal cross-party groups in the UK Parliament. They are run by and for Members of the Commons and Lords.

The All-Party Parliamentary Group on Artificial Intelligence (APPG AI) functions as the only permanent, authoritative voice within the UK Parliament (House of Commons and House of Lords) on all AI-related matters, and it has also become a recognisable forum in the AI policy ecosystem both in the UK and internationally.

Launched in January 2017, the All-Party Parliamentary Group on Artificial Intelligence (APPG AI) explores the social and economic impact and implications of artificial intelligence.

The APPG AI engages with emerging trends like humanistic AI and generative AI such as ChatGPT. Our aim is to unleash the full potential of AI in all sectors while ensuring responsible and purposeful use of this technology to drive positive change.



IMPACTFUL ENGAGEMENT THROUGH POLICY FORUMS AND EVIDENCE SESSIONS

Parliamentarians engage with AI experts and key stakeholders from industry, academia, and civil society and ask questions for evidence-based policymaking through a series of AI policy forums and evidence sessions.

As we impact the future with AI, the All-Party Parliamentary Group on Artificial Intelligence (APPG AI) has a distinct opportunity to engage in expert discussions about AI adoption in all sectors, business models, the digital market infrastructure, and the social, political, and regulatory landscape that will shape the years ahead.

We focus on timely topics relevant to our current era. Round table events cover a wide range of subjects, including:

- UK's AI Ecosystem
- AI Adoption in Health Care. Telehealth, Medicine and Diagnostics.
- Climate Change and Sustainability.
- Precarious Work and the Gig Economy.
- Using AI in Education, Assessments and Schools.
- AI's Applications in Finance. Banking, Professional Advisory and Legal.
- AI in the Boardroom (AI Use in Executive Decisions).
- The AI Skills Gap
- National Security and Autonomous Weapons.
- Cyber Security
- Facial Recognition.
- Misinformation and Deep Fakes.
- Data Governance & Explainability in AI
- Digital and Physical Data Infrastructure
- Smart Cities.
- Singularity of ABCD (AI, Blockchain, Cloud, Data integration).
- AI Safety and Ethical AI.
- Our Spiritual & Cultural Lives with AI
- Generative AI.

ACCESS APPG AI RESOURCES, EVENTS AND FULL PROGRAMME

Download your Pavilion App Now!

- **Event agenda & schedule management:** Browse APPG AI events and create your personalised schedule.
- **Access to resources:** Explore APPG AI publications, photos, and videos from 2017 onward, and build your personal resource library.
- **Community connections & discussions:** Connect with members, engage in discussions, and share your thought leadership on our community wall.

Go to APPG AI Pavilion and click on what you are looking for.

From your computer:

Pavilion on PC website: <https://bicpavilion.com/>

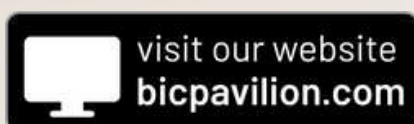
From your mobile:

Pavilion on App Store <https://apple.co/4dCawaW>

Pavilion on Google Play <https://bit.ly/44Da6N3>

Please use the same username and password across all web and mobile app devices, avoiding the hassle of multiple accounts.

Click below:



Annual Programme

- 6 Round Table Evidence Sessions.
- 4 Advisory Board Meetings. Special Policy Briefings.

Networking

All events are held in the UK Parliament and chaired by the APPG AI Co-Chairs and the Parliamentarians.

Resources

Reports, transcripts, videos, and photo albums.





All-Party Parliamentary Group on
Artificial Intelligence

APPG AI Governance Who's Who

APPG AI Governance

The APPG AI Governance is broken into four subgroups: the APPG AI Officers, the APPG AI Secretariat, the APPG AI Parliamentary Members and the APPG AI Permanent Advisory Board.

APPG AI Officers - UK Parliament



CO-CHAIR
Lord Clement-Jones
Liberal Democrat



CO-CHAIR
Allison Gardner MP
Labour



VICE-CHAIR
Dawn Butler MP
Labour



VICE-CHAIR
Lord Ranger of Northwood
Conservative



HONORARY VICE-CHAIR
Lord Taylor of Warwick
Non-affiliated

Secretariat

Big Innovation Centre is appointed as the Group's Secretariat. The Secretariat is responsible for delivering the programme for the APPG AI, organising the outputs, advocacy and outreach, and managing stakeholder relationships and partnerships.



PROFESSOR BIRGITTE ANDERSEN
CEO, Big Innovation Centre
appg@biginnovationcentre.com

Parliamentary APPG AI Members – House of Commons



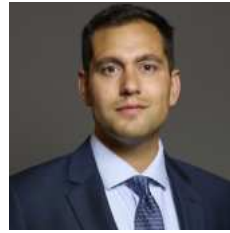
Alison Griffiths MP
Conservative



Andrew Pakes MP
Labour



Bell Ribeiro-Addy MP
Labour



David Reed MP
Conservative



Daniel Aldridge MP
Labour



Esther McVey MP
Conservative



George Freeman MP
Conservative



Gordon McKee MP
Labour



Graham Leadbitter MP
SNP



Liam Byrne MP
Labour



Martin Wrigley MP
Liberal Democrat



Mike Martin MP
Liberal Democrat



Peter Fortune MP
Conservative



Samantha Niblett MP
Labour



Tom Collins MP
Labour



Tom Gordon MP
Liberal Democrat



Tony Vaughan MP
Labour



Sir Mark Hendrick MP
Labour



Zöe Franklin MP
Liberal Democrat



Dr Zubir Ahmed MP
Labour

Parliamentary APPG AI Members – House of Lords



Viscount Camrose
Conservative



Viscount Colville of Culross
Crossbench



Lord Craig of Radley
Crossbench



Lord Cromwell
Crossbench



The Earl of Erroll
Crossbench



Lord Fairfax of Cameron
Conservative



Lord Freyberg
Crossbench



Lord Janvrin
Crossbench



Baroness Kramer
Liberal Democrat



Baroness McGregor-Smith
Non-affiliated



The Lord Bishop of Oxford
Bishops



Viscount Stansgate
Labour



Lord Strathcarron
Conservative



Professor Lord Tarassenko
Crossbench



Baroness Uddin
Non-affiliated

Advisory Board



LAWRENCE TURNER
Founder,
AMI Limited



DR SCOTT STEEDMAN CBE
Director of Standards,
BSI Group



PROF. ASHLEY BRAGANZA
Dean, Brunel Business School,
Brunel University London



ZOE WEBSTER
AI Director,
BT Group



PAUL DIXON
Head of Public Sector,
Capgemini UK



MARKUS ANDERLJUNG
Head of Policy,
Centre for the Governance of AI



CHARLES KERRIGAN
Partner, Banking &
International Finance Team,
CMS Tax Law



YATIN MAHANDRU
Head of Public Sector & Health,
Cognizant



SULABH SORAL
Chief AI Officer,
Deloitte



EDWARD FU
Head of Government Affairs,
Duolingo



Sarah REYNOLDS
Partner,
EY Law



JON ATKIN
Co-founder and Chief Executive
Favom

Advisory Board cont...



JOEL ROBERTS
Head of Corporate Affairs,
Hewlett Packard Enterprise



SARA EL-HANFY
Head of AI & Machine Learning,
Innovate UK



ALED OWEN
Global Policy Director
Onfido



JOHN BUYERS
Partner,
Osborne Clarke



PROF. DAVID LESLIE
Director of Ethics and Responsible
Innovation Research
Queen Mary University of London



SHAUN O'CALLAGHAN
Chief Information Officer, Homes,
Santander UK



BEN JOHNSON
Co-Founder and CTO
Uptitude



DAVID ELCOMBE
Managing Director,
WindWorkX

The Advisory Board of the All-Party Parliamentary Group on Artificial Intelligence (APPG AI) serves a critical role in providing valuable feedback, shaping effective strategies with the APPG AI Parliamentary Officers, and offering direction for the group's initiatives.



**All-Party Parliamentary Group on
Artificial Intelligence**

**Programme
2024 ... 2025**

**We focus on timely topics relevant to our current era.
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Climate Change and Sustainability.
Precarious Work and the Gig Economy.
Using AI in Education, Assessments and Schools.
AI's Applications in Finance. Banking, Professional Advisory and Legal.
AI in the Boardroom (AI Use in Executive Decisions).
The AI Skills Gap.
National Security, Cyber Security, and Autonomous Weapons.
Facial Recognition.
Misinformation and Deep Fakes.
Data Governance & Explainability in AI
Digital and Physical Data Infrastructure and Smart Cities.
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APPG AI Pavilion

Here, You can Subscribe to all Our Events, Resources and Full Programme.

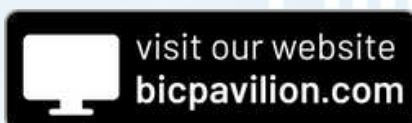
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22nd January 2024

AI & INTELLECTUAL PROPERTY RIGHTS



GENERATIVE AI AND INTELLECTUAL PROPERTY: REDEFINING CREATIVITY AND OWNERSHIP IN THE DIGITAL AGE

- Do generative AI technologies disrupt traditional notions of creativity and intellectual property rights (IPR)?
- Who should rightfully own intellectual property rights for AI-generated content?
- How can we reconcile AI-driven creativity with robust intellectual property protection in the creative sectors?
- Do current intellectual property laws demand refinement to effectively tackle the unique challenges AI-generated content poses?

19th February 2024

ADVISORY BOARD MEETING



Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)

26th February 2024

FEEDBACK ON THE GOVERNMENT RESPONSE TO THE WHITE PAPER CONSULTATION



Joined by Saqib Bhatti MP, Minister for Technology & The Digital Economy
We will analyse, debate, and raise questions on the UK Government's response to its Consultation on the AI White Paper, released on 6th Feb 2024.

11th March 2024

AI IN PROFESSIONAL SERVICES



(1) AI & FINANCIAL SERVICES: A NEW PARADIGM FOR THE BANKING SECTOR

- What is the current level of AI adoption in Financial Services?
- In which areas of finance (e.g., Corporate Finance, Accountancy, Loans) will AI exert the most significant impact?
- How can we guarantee that the utilization of AI in financial services yields benefits for all pertinent stakeholders, including firms, consumers, and markets?

(2) AI IN LAW: NEW OPPORTUNITIES FOR THE LEGAL SECTOR?

- How can the legal sector successfully integrate AI?
- What advantages can AI bring to legal practices in the UK, such as efficiency and cost-saving benefits?
- Would clients be more inclined to choose a specific law firm if it incorporates AI into its work and processes?

26th March 2024

CITIZEN PARTICIPATION IN AI



RESPONSIBLE AI INNOVATION AND SAFEGUARDING DEMOCRATIC PROCESSES: NAVIGATING DISINFORMATION AND DEEP FAKES

- How can we enhance public understanding of AI?
- How does AI affect people's daily lives, and how can we engage citizens in AI's impact?
- How can we responsibly harness AI innovation in the face of potential misuse, particularly in elections and the spread of disinformation through generative AI and deepfakes?
- How may AI contribute to the spread of disinformation, and what strategies can be employed to counteract its impact on democratic practices?

13th May 2024

AI AND SUSTAINABILITY



SMART CITIES AND CLEAN TECHNOLOGIES

- How does 5G impact smart cities?
- Can AI optimise energy use in buildings to reduce city emissions? What smart city technologies show the most promise?
- Can AI contribute to cleaner transportation by optimising traffic, promoting electric vehicles, and enabling autonomy?
- How can we balance AI-enabled sustainability with managing energy consumption of AI and its environmental impact?
- What policy incentives can help UK cities lead in AI for sustainability, while ensuring citizen privacy safeguards?

21 October 2024

ADVISORY BOARD MEETING



Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)

21th October 2024

NAVIGATING THE GLOBAL AI TALENT SHORTAGE



DEVELOPING AN AI-READY WORKFORCE FIT FOR THE FUTURE

- How acute is the shortage of AI talent globally? What are the gaps the UK should prioritize filling to achieve competitive advantage?
- Are incentives needed to cultivate homegrown AI skills and retain talent domestically? What policy or cultural shifts could help plug the talent pipeline?
- How can multidisciplinary literacy around responsible AI development and use become the norm across industries? What role should schools and universities play?
- Could rapid progress in AI like ChatGPT paradoxically alleviate skills gaps by automating technical work?

11th November 2024

AI IN SCIENCE



AI'S TRANSFORMATIVE IMPACT ON SCIENTIFIC RESEARCH

- How can AI transform and accelerate scientific research, discoveries and breakthroughs in fields like biology, chemistry, and medicine? What are the examples demonstrate this potential?
- What are the limitations or potential pitfalls of relying on AI for scientific research? How can we mitigate these pitfalls?
- What policies or guidelines might be beneficial for the ethical application of AI in the sciences, particularly with regard to experimentation?
- How do we ensure transparency and accountability in AI-driven scientific processes?

2nd December 2024

ADVISORY BOARD MEETING



Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)

2nd December 2024

AI AND OUR SPIRITUAL AND CULTURAL LIVES



NAVIGATING THE INTERSECTION OF TECHNOLOGY, TRADITION, AND HUMAN ESSENCE IN THE AI ERA

- **Spiritual and Cultural Impact:** What are the ways AI is already impacting spiritual and cultural identities? How might it further impact these key aspects of what makes us 'human' in the future?
- **Preserving Cultural And Spiritual Heritage:** What are some of the risks AI is presenting in these areas? How can we ensure human spirituality and creativity are protected in an AI era?
- **Technological enhancement:** Can AI be used to uplift spiritual and creative sectors? What are examples where AI has already played a role in enhancing these aspects of life?
- **Civil Society's Role:** How can civil society play a part in protecting and promoting spiritual and cultural values in the AI era? What unique insights can it bring to the debate?

Date: To Be Confirmed

AI NEXT



THE NEXT GENERATION AI AND HOW IT AFFECTS OUR WORLD, WORK, AND PLAY.

- What are the emerging new trends in AI? (with reference to science, technology, innovation and AI adoption)
- What are the emerging capabilities of Agentic AI, and how will they reshape industries and governance?
- How should the UK regulate the use of synthetic data?
- What are the implications of large-scale Generative AI in reshaping content creation, and how should industry, government and society respond?
- As AI systems become more multi-modal (capable of processing text, images, video, and sound – Open AI being an example), what opportunities and challenges will this create for communication, security, and privacy?
- How can we ensure that autonomous AI systems remain transparent, accountable, and aligned with societal values?

Date: To Be Confirmed



AI REGULATION

WHERE ARE WE NOW AND WHERE ARE WE HEADING?

- This is our opportunity to shape a national AI consultation, ensuring we foster innovation while safeguarding ethical and societal standards. What should our input be on a UK AI consultation?
- How should the UK respond to the EU AI Act? With the EU setting a regulatory benchmark for AI, how can the UK both align with and differentiate its approach to maintain competitiveness and leadership in AI technologies?
- Citizen AI safety and data privacy are central to current discussions on AI regulation, but what about corporate AI safety and data governance?
- As businesses increasingly deploy AI, we need to consider how to ensure transparency, accountability, and data security within corporate AI systems to avoid potential risks at an organizational level.
- How can AI development companies (especially start-ups and scale-ups) assure clients that they adhere to industry standards when these standards are not yet clearly defined? Is there a need for self-certification or a formal certification body to ensure compliance and trust in such cases?

Date: To Be Confirmed



AI IN FINANCE

THE ROLE OF AI IN SHAPING THE FUTURE OF UK FINANCIAL MARKETS

- How can AI help to address key challenges in implementing the UK's financial roadmap and boost economic growth post-Brexit? (In this context, how closely should UK align with the European Banking Authority (EBA)'s roadmap on financial regulation and sustainability?)
- In what ways can AI enhance financial regulation and transparency in UK markets?
- How does AI contribute to sustainable finance and the UK's net-zero goals?
- How can AI help reduce the financial and digital divide across different regions of the UK?
- What ethical challenges does the UK face in integrating AI into its financial sector?

20th January 2025

AI & GOVERNMENT



AI IN THE PUBLIC SECTOR – REDEFINING GOVERNMENT & WELFARE WITH AI

- In what areas can AI meaningfully contribute to efficiency and effective government services and welfare programs? What risks require mitigation?
- Where should the boundary between human decision-making and AI intervention be in public sector operations?
- How can the public sector build trustworthy data infrastructure and AI tools suited for civic needs?
- What guardrails and ethical considerations should guide AI adoption in government decision-making for transparency and accountability, particularly in areas impacting basic welfare and public health?

17th February 2025

ADVISORY BOARD MEETING



Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)

10th March 2025

AI & CYBERSECURITY



SAFEGUARDING NATIONAL INTERESTS IN THE DIGITAL AGE

- How can AI technologies be leveraged to enhance cybersecurity measures and protect critical infrastructure?
- What challenges and risks arise with the use of AI in cybersecurity, and how can they be mitigated?
- How should governments and industries collaborate to address the evolving landscape of cyber threats?
- What ethical considerations should be taken into account when employing AI in national security contexts?

12th May 2024

ADVISORY BOARD MEETING

Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)



12th May 2025

AI & DATA PRIVACY

SAFEGUARDING INDIVIDUAL RIGHTS & BALANCING INNOVATION IN THE DIGITAL ERA. INCLUDES FOCUS ON SYNTHETIC DATA.

- How can legislators strike a balance between fostering innovation through AI and protecting individuals' privacy rights?
- What regulatory frameworks are needed to address the collection, use, and sharing of personal data in AI applications?
- How can synthetic data enhance the development and testing of AI models, and what challenges do organisations face when implementing synthetic data solutions in comparison to using real-world data?
- How can AI technologies be designed to prioritize user privacy and consent?
- What international collaborations and agreements are necessary to ensure a harmonized approach to AI and data privacy?



16th June 2025

AUTONOMOUS VEHICLES

LEGAL & ETHICAL FRAMEWORKS IN AUTONOMOUS VEHICLE TECHNOLOGY

- What are the latest advancements and breakthroughs in autonomous vehicle technology?
- What legal frameworks are needed to govern the use of AI in autonomous vehicles, ensuring safety and accountability?
- How can policymakers address ethical considerations related to decision-making algorithms in self-driving cars?
- How can lawmakers balance the potential benefits of autonomous vehicles with concerns about job displacement and societal impacts?



8th September 2025

ADVISORY BOARD MEETING

Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)



8th September 2025

SECURING THE UK'S LEADERSHIP IN AI

OPPORTUNITIES & THREATS WHEN POSITIONING THE UK ON THE GLOBAL AI STAGE

- Can the UK harness AI for economic growth and competitive advantage on a national scale?
- What strategies and policy mechanisms can reinforce the UK's position as a preferred destination for AI research and innovation?
- What sectors or use cases offer the best opportunities for the UK to assert global leadership in AI? What will success require?
- Where does the UK face the biggest competition from other countries investing heavily in AI? How significant is this threat?
- What role should education and skills development play in maintaining a competitive



20th October 2025

AI IN MANUFACTURING & ROBOTICS

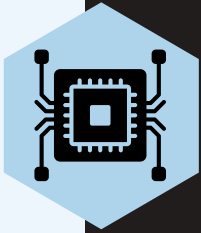
AUTOMATING PRODUCTION IN THE 21ST CENTURY

- What are the latest innovations in AI-enabled robotics and automation for manufacturing? What new capabilities are emerging?
- How can AI transform production quality, efficiency, and flexibility? What are the key benefits and use cases?
- What skills gaps need addressing to enable manufacturers to capitalize on advances in AI and robotics? How can we cultivate an AI-literate manufacturing workforce?
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10th November 2025

THE HARDWARE OF AI



DECODING THE FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

- What is the relationship between AI and supercomputers, and how do supercomputers enhance the development and performance of AI systems, and vice versa?
- What are the key components and technologies that make AI hardware function effectively?
- How can advancements in AI hardware innovations drive the next generation of AI capabilities?
- How does the architecture of neural networks enable learning and reasoning? What are the strengths and limitations?
- What policy or education initiatives could broaden public understanding of how AI technologies actually work? Is there a need to redefine our understanding of AI in the context of evolving hardware capabilities?

8th December 2025

ADVISORY BOARD MEETING



Quarterly Review: Feedback, Strategy, and Direction for the All-Party Parliamentary Group on Artificial Intelligence (APPG AI)



All-Party Parliamentary Group on
Artificial Intelligence
appg@biginnovationcentre.com

SECRETARIAT

Big Innovation Centre is appointed by the
UK Parliament as the Group's Secretariat.



**BIG
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