

AI – Threats & Opportunities

Thursday, 19th – Friday, 20th October 2023

Participant Biographies



Andrew Bailey

Andrew is a Chartered Engineer with over 25 years of experience helping CEOs and senior leaders develop strategies, improve performance, and grow their businesses.

He is an expert in Business Intelligence (BI) systems, having spent 30 years in complex engineering, Formula One and FinTech/AI. He has created and run large BI teams using data science, and advanced computing, as well as overseeing or directly supporting the adoption of HR, ERP and finance systems such as SAP, MS Dynamics and Workday. He is an executive coach, with specialisms in leadership, operations, and AI. From F1 and defence research to FinTech, Andrew has built and run some of the highest performing, and most advanced technical teams in the world.

He has held senior positions in defence research, shipbuilding, quantitative financial research, Formula One, automotive, and asset management.



Brian Ball

Brian is Head of Faculty in Philosophy at Northeastern University London. A Senior Fellow of the Higher Education Academy, he was previously a Lecturer in Philosophy at St. Anne's and then Balliol College, Oxford. His expertise is in the theory of knowledge, the philosophy of mind, and the philosophy of language. His recent work - including the Royal Society supported PolyGraphs project - engages with computer science and artificial intelligence, and he now leads the AI and Information Ethics research cluster at NU London.



William Barker

William is Chief Strategy Officer with the Socitm Institute currently focussing on Place Based Leadership and Ethical Change agendas. Prior to retiring he was a career Civil Servant with some forty years' experience of working at the heart of Whitehall, local government and academia on constitutional change, public service reform, digital government and cyber resilience agendas. He is regularly consulted as a contributory author/public speaker on ethical change and machinery of government reform by organisations such as Reform, LGA, SOLACE, SOCITM, and St George's House.



Favour Borokini

Favour Borokini is a PhD researcher with the Horizon Centre for Doctoral at the University of Nottingham, where she is researching afrofeminist ethics considerations in the design and use of avatars. Before Favour began her PhD, she worked with various African organisations and has spoken on various panels on the impact of technology, especially AI, on women's rights, social justice and life. She is a huge fan of speculative fiction, romance novels and anime and enjoys talking about positive imaginary futures.



Mark Brett

Mark runs a number of Cyber Security Community of practice WARP groups, (Warning, Advice & Reporting Points). Mark has written a number of papers covering Artificial Intelligence most recently an academic article looking at Policy, Governance and Assurance issues.

Mark is an Honorary life member of Socitm & visiting Fellow in Cyber Security at London Metropolitan University. Mark holds a Masters Research degree in Strategic Management and has completed a Doctoral Training Programme in Cyber Defence at De Montfort University. Mark has recently had his fifth academic article published.



Tim Cook

Tim recently founded AIConfident, a social enterprise with the ambition of supporting organisations to change to an AI enabled economy, with a particular focus on those organisations least likely to be resourced to do so, such as Civil Society organisations, schools and SMEs.

Tim brings over a decade working with AI in Government, where he has led multi-million-pound innovation programmes funding the application of AI technologies to major societal challenges, as well as serving 4 years as the Deputy Head of the UK Government Office for Artificial Intelligence. Here, Tim had instrumental roles in the development of initiatives such as the Turing AI Fellowships and the AI and Data Science Conversion Courses. He advised Ministers on defining AI in the context of the National Security and Investment Act, and was responsible for large sections of the 2021 National AI Strategy. Through his work on AI skills, Tim developed a strong belief in the necessity of empowering people with the skills to both work with and live alongside AI technologies. AIConfident is a combination of this mission, and Tim's experience as a leadership coach and facilitator.



Professor Nigel Crook

Nigel is Professor of AI and Robotics, Associate Dean for Research and Knowledge Exchange, and Founding Director of the Institute for Ethical AI and at Oxford Brookes University. He graduated from Lancaster University with a BSc (hons) in Computing and Philosophy in 1982. He has a PhD in explainable intelligent machines and more than 30 years of experience as a lecturer and a researcher in AI. He is an expert reviewer for the European Commission and serves on several scientific committees for international conferences. His research interests include biologically inspired machine learning, social robotics and autonomous moral machines.



James Donovan

James is a partner at Convergent Research, a deep tech incubator that finds, funds and supports moonshot science ventures for the public benefit. We call these ventures 'focused research organisations', as they bring together the rigour of academic research with the agility of startups. Our FROs range from materially improving connectomics to mapping the pharmane to AI safety.

Given our public benefit mandate, we have been thinking deeply about the potential social disruption of AI; and in particular ways to mitigate social exclusion, improve human <> human collaboration through AI, economic models & begun exploring potential research pathways in social neuroscience.



Dr Michael Eiden

Michael is a Partner in ADL's London office and a member of the Digital Problem Solving team. Michael has built and leads ADL's data science team and delivers innovative state-of-the-art AI/ML solutions addressing complex problems in a variety of different industries. In his role, Michael is responsible for any client delivery that contains AI/ML components as well as ADL's overall AI strategy. Michael is passionate about solving intricate real-world problems with modern, highly scalable data science approaches. He has more than 20-year hands-on experience in designing, developing, and implementing solutions and has worked in various industries and geographies.



Daniel Freeman

Daniel is General Partner at Dorilton Ventures, an investment firm focused on early-stage companies in IT infrastructure, data science, and cyber security. Daniel has more than 20 years' experience investing across a range of geographies and asset classes at firms including Lehman Brothers, Deutsche Bank, and Eton Park Capital Management. Daniel holds an AB in East Asian Studies from Princeton, was a Fellow at the Johns Hopkins-Nanjing University Centre for Chinese and American Studies, and received an MBA from the Harvard Business School. He is based in London, where he lives with his wife Sarah and their son.



Michael Gibson

Michael is a Technology Policy Professional with 20 years' experience working across UK Defence and National Security. He leads Science and Technology policy and strategy at the Ministry of Defence, including as Deputy Head for the Defence Artificial Intelligence Unit. In that role he developed the Defence AI Strategy and accompanying 'Ambitious, Safe Responsible' policy (including MOD's AI Ethics Principles), and currently coordinates cross-Defence Strategy implementation and related international engagement efforts. His previous strategy and delivery experience includes various roles in the Cabinet Office's National Security functions, coordinating the Privacy and Security Inquiry for Parliament's Intelligence and Security Committee and driving cross-HMG strategic Export Campaigns.



Anne-Gabrielle Haie

Anne-Gabrielle advises clients on a wide range of digital-related matters, with a strong focus on data protection, privacy and cybersecurity. In addition, she has developed considerable expertise on AI and blockchain. She advises clients on compliance with EU laws and risk management. Anne-Gabrielle also has strong experience advising clients on data privacy and cybersecurity issues related to strategic transactions and commercial negotiations. She further assists clients with cybersecurity preparedness and response to data breaches and other security incidents. Anne-Gabrielle's practice include representing clients in enforcement and litigation actions before European supervisory authorities and courts. Her clients include multinationals, start-ups and scaleups in diverse industries, and she has a strong track record in the Life Sciences and Technology sectors.



Professor Tim Hubbard

Tim is Professor of bioinformatics at King's College London, an Associate Director of Health Data Research UK (HDRUK) and Senior Advisor at Genomics England. Until 2013 he was Head of Informatics at the Wellcome Sanger Institute and one of the organisers of the sequencing of the human genome. For ten years he co-organised the CASP competition to evaluate methods to solve the 50 year old protein folding problem, famously solved by Deepmind's AlphaFold AI in 2020. He is an advocate of "Trusted Research Environments" (TREs) to enable research on health data without data distribution to protect privacy, an approach which is now NHS England policy.



Daniel James

Dan has been in No10 since 2021 as part of an initiative to bring world class technical talent into government for high impact tours of duty. In this role he has been leading various projects including: pandemic response, digital skills programmes, strategic workforce planning on AI and developing the UKHSA data strategy. Prior to Dan's stint in government he was Chief Product Officer at AMPLYFI, a UK AI scale-up, leading the growth of a b2b SaaS tool that harvests and analyses internal and external sources for decision making, used by large organisations for various use cases from continuous manufacturing to Russia bioweapons surveillance. He is currently leading an academic research project, in collaboration with Oxford, Cardiff and Bristol Universities, on the impact of AI and digital technologies on the future of work and education. Dan's goal is to create a better future of work for humankind.



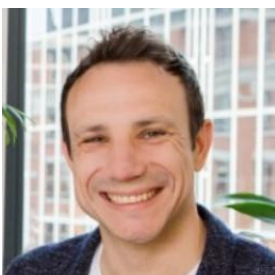
Wasim Khaled

Wasim is the CEO and Co-Founder of Blackbird.AI, an AI-driven Narrative & Risk Intelligence platform dedicated to empowering trust, safety, and integrity across the global information ecosystem. A computer scientist by trade, Khaled has studied information operations, computational propaganda, behavioural science, AI and the applications of these combined disciplines to defense, cyber and risk intelligence. As a member of the Weber Shandwick Collective and the U.S. Department of State's GEC Disinfo Cloud, he is a frequent advisor to Fortune 500 companies and public sector organizations on the threats and mitigation of the escalating information warfare arms race.



Neil Lawrence

Neil is the inaugural DeepMind Professor of Machine Learning at the University of Cambridge where he leads the University's flagship mission on AI, AI@Cam. He has been working on machine learning models for over 20 years. He recently returned to academia after three years as Director of Machine Learning at Amazon. His main interest is the interaction of machine learning with the physical world. This interest was triggered by deploying machine learning in the African context, where 'end-to-end' solutions are normally required. This has inspired new research directions at the interface of machine learning and systems research, this work is funded by a Senior AI Fellowship from the Alan Turing Institute. Neil is also visiting Professor at the University of Sheffield and the co-host of Talking Machines. He is the author of the forthcoming book *The Atomic Human* (release date 30th May 2024).



Darko Matovski

Darko is the CEO of and co-founder causalens. The company is the pioneer of Causal AI, a way for machines to understand cause & effect, and serves some of the most sophisticated organisations. Darko has also worked for cutting edge hedge funds and research institutions. For example, the National Physical Laboratory in London (where Alan Turing worked) and Man Group in London. Darko has a PhD in Machine Learning and an MBA.



Jenny McEneaney

Jenny has over ten years' experience in promoting inclusive governance and political processes, particularly through digitalisation. Formally working for civil society and the United Nations Development Programme in Northern Ireland, South Africa and New York, Jenny has been with the Local Government Association for one year supporting councils with cyber resilience, the responsible use of emerging technologies, and digital transformation. Jenny is a lifelong Atlantic Fellow for Social and Economic Equity at the London School of Economics, with a focus on the politics of inequality.



William Mulholland

William began his career at McLaren Racing where he worked as a Formula One race strategist. He contributed to 8 Grand Prix victories in 2007 for racing icons Fernando Alonso and Lewis Hamilton, helped secure the F1 World Drivers' Championship in 2008 with Hamilton, and added two more Grand Prix wins in 2009.

Since 2010 he has worked with GResearch, Europe's leading quantitative finance research firm, applying advanced machine learning techniques to predict financial market movements. He is currently a Quant Group Head at GResearch and Partner at Island Research LLP. He holds a Masters in Engineering from Magdalene College, University of Cambridge



Byron Nicolaidis

Byron has always been passionate about having a positive impact on other people's lives.

Starting out as a top performer at Merrill Lynch, he later ignited his entrepreneurial journey in 1992, remaining loyal to his core values of Quality, Innovation, Passion and Integrity. Those values underpin his personal and professional life today.

Founded in 2000, PeopleCert has evolved from a small, local Greek player to a leading global organisation in the certification of professional and language skills. PeopleCert's revenue has climbed from €1mn to €75mn, growing on average 40% per year, in the last 5 years. To date, the company has delivered millions of exams and certified millions of people across 215 countries helping them to achieve their goals and realise their dreams.

In 2019, he won the title of the Entrepreneur of the Year, at the European Business Awards, representing the United Kingdom, putting PeopleCert in the elite group of Europe's top 1% most successful companies (from a list of 120,000 enterprises).

Willing to share this experience and inspire other entrepreneurs, Byron holds several Board Member roles.

Byron has a drive to contribute to society in an effort to make a positive difference. Elected as President of CEPIS, the organisation representing 500,000 IT professionals from 31 countries across Europe, Byron is actively involved in promoting high professional standards, growing the pool of digitally skilled professionals, encouraging digital competence for the workforce and making IT good for Europe. With a constant focus on skilling-reskilling-upskilling, PeopleCert has helped millions to remain relevant, significantly raising digital literacy levels on a global scale. Through numerous CSR activities, he tries to leave a social footprint for today's generations and the ones to come.



Professor Barry O'Sullivan

Barry, based at University College Cork in Ireland, is an award-winning academic working on artificial intelligence for over 25 years. He contributes to several global Track II diplomacy efforts at the interface of military, defence, intelligence, and AI. He is founding director of the Insight SFI Research Centre for Data Analytics at UCC and the SFI Centre for Research Training in AI. He served as Vice Chair of the European Commission's High-Level Expert Group on Artificial Intelligence which formulated the EU's ethical approach to AI. He is a Fellow and a past President of the European AI Association. He is also a Fellow of the Association for the Advancement of Artificial Intelligence. He is a member of the Royal Irish Academy.



Yogita Popat

Yogita is Assistant Director for Sustainability at Barnet Council, London's second largest. I have an extensive background in digital and data, having previously headed up our Insight and Intelligence function within the council, and Improvement Team in Children's Services, I have a good knowledge of how different technologies can be used across the organisation. Having also been recently appointed as a Vice President of the SOCITM team, I am keen to explore and discuss how AI (and other technologies) can support the organisation and more importantly our journey to Net Zero, and what opportunities and threats this brings.



Professor Allison Pugh

Allison is Professor of Sociology and Chair of the Department of Women, Gender and Sexuality at the University of Virginia. Her forthcoming book *The Last Human Job: The Work of Connecting in a Disconnected World* (Princeton) is a study of the standardization of work that relies on relationship. She has given more than 100 invited talks on her research, which focuses on how economic trends – from job insecurity to commodification to automation – shape the way people forge connections and dignity. She is the 2024 Vice President of the American Sociological Association, and has been a visiting scholar in Germany, France and Australia.



Bea Raffan Gowar

Bea Raffan Gowar has been the Lead Programme Officer for Cumberland Lodge since September 2022, working on sessions around Ethical Research, AI and the Rule of Law. Bea has recently completed her PhD thesis with the Institute of Criminology and King's College, University of Cambridge. Bea's PhD research focused on improving cost-of-crime estimates, to better aid cost-benefit analyses within the criminal legal sector. Bea has previously worked for the Prisons Research Centre, Cambridge, and RAND Europe. She also works for Stand Against Violence, a national charity which uses real stories to facilitate discussions in educational settings around difficult but important topics, such as anti-violence, anti-bullying and domestic violence.



Cora-Lynn Heimer Rathbone

Born in Cuba, Cora-Lynn Heimer Rathbone has extensive experience of working with senior leaders and leadership teams in the UK, Europe, Latin America and the MENA region. She has worked in every continent except the Antarctic. Clients from a 30-year career as a management consultant and trusted advisor include L'Oréal, Oracle, EDF Groupe, Orange France Telecom, Stuart Milne, Sellafield Sites, Honda, Lloyds Banking Group, and LVMH. She is highly experienced as an executive and team coach. Cora-Lynn is expert in the design and delivery of customised leadership and management development programmes, and in facilitation of senior-team workshops. She is the author of three books, *The Planning Roundabout*; *Leadership Development Journeys*; and *Ready for Change?* as well as and numerous articles in leadership journals. Cora-Lynn grew up in the US Virgin Islands. She has lived in Brazil, the USA, France and the UK.



Glen Robinson

Glen models Microsoft's technology vision to help people and businesses realise their full potential. Glen works closely with UK industry leads, leaders of state, regulators and businesses of varying sizes, inspiring and guiding them in developing impactful digital transformation strategies which embrace innovation.

Glen regularly advises the government on matters of national technology strategy, regulation and policy. He is also a member of several technical advisory boards advocating for the responsible and ethical use of AI. As well as leading Microsoft's UK technology community where he focuses on building technical excellence within the different roles, he is also passionate about increasing diversity and inclusion in the field.

Over the course of his career, Glen has also held the roles of distinguished engineer, chief technology officer, executive advisor and holds experience in almost every industry in the UK.



Luke Robinson

Luke hand built deep-tech startup teams to solve global challenges and emerging opportunities. He loves to bring diverse groups of people together to find ways to solve problems others think are impossible. His experience covers a range of fields that include; quantum computing, AI, ecology, robotics, semiconductors, renewables and quant finance. Some companies he has co-founded include; Hazy (world's 1st synthetic data company), Earth Rover (world's 1st laser weeding company), LGN (world's 1st active learning edge AI company), Flox (ethical standards monitoring in chicken farms), Sociate (curiosity driven multimodal fashion search and advice) and Sunfish (concentrated solar for waste processing).



Dr Anders Sandberg

Dr. Anders Sandberg is senior research fellow at the Future of Humanity Institute (FHI) at the University of Oxford. He has a background in computer science and neuroscience from Stockholm University. His research at the FHI centers on management of low-probability high-impact risks, societal and ethical issues surrounding human enhancement, estimating the capabilities of future technologies, and very long-range futures.

Topics of particular interest include global catastrophic and existential risk, cognitive enhancement, methods of forecasting, neuroethics, SETI, transhumanism, artificial intelligence, and public policy. He is currently writing a book about law, AI, and societal orders.

He is a fellow for Ethics and Values at Reuben College, Oxford. He is research associate of the Oxford Uehiro Centre for Practical Ethics, the Center for the Study of Bioethics (Belgrade), and researcher at the Institute of Future Studies (Stockholm). He is on the board of the non-profits ALLFED and AI Objectives Institute.



Katharine Scarfe-Beckett

Katharine Scarfe Beckett is an experienced freelance English writer and editor with a strong focus on culture, social sustainability and the arts. For over twenty-five years she has provided reports of high-level consultations at St George's House.



Maury Shenk

Maury is Founder & CEO of LearnerShape, Director and General Counsel of PeopleCert and former managing partner of the London office of global law firm Steptoe & Johnson. He is an entrepreneur, dealmaker, director and legal advisor, with expertise in artificial intelligence, education, IT, green business and China. His work is international, and he speaks fluent French and Russian, business-level Greek, Mandarin and Spanish, and conversational German, Italian and Norwegian. In his spare time, he practices yoga, plays guitar and writes business thrillers under the pen name David Zen.



Commodore Rachel Singleton MBE RN

Rachel joined the Royal Navy in 2002 from the Royal Naval Reserve, following a short career as a software engineer in the telecommunications sector. Her operational experience includes time onboard aircraft carriers ARK ROYAL and ILLUSTRIOUS, two short tours in Afghanistan and a tour as Weapon Engineer Officer of Type 45 destroyer HMS DARING. Her non-operational roles have spanned capability development, IT service management, cyber and Defence Engagement and she recently spent a rewarding two years leading on Artificial Intelligence at the British Defence Staff in Washington DC, before returning to Navy Headquarters as head of Digital Development and SRO of the Naval Strike Network programme.

Rachel has recently joined Defence Digital as Head of the Defence Artificial Intelligence Centre and is responsible for setting the conditions for the widespread exploitation of Artificial Intelligence within Defence, championing the appropriate and informed use of AI, ensuring the enablers are in place such as tooling, platforms and data, and sponsoring specific innovation projects, identifying crucial problem sets and developing AI models to address them.

Rachel is a graduate of Birmingham University where she studied Mathematics and Philosophy and has also undertaken an in-Service MSc in Information Systems at Cranfield University, and the Defence Academy's Advanced Command and Staff Course alongside the associated MA in Defence Studies from Kings College London. At home Rachel is outnumbered by her husband and two sons and any spare time is spent reading, making music or hiking.



Samantha Smith

Sam has recently taken up a position as Director of the newly launched Socitm Institute.

Previously, she led a shared IT service working across two Councils in the East of England. Managing shared services of different types and sizes has been a feature of her professional life. It has given Sam an incredibly rich view of local government in England and enabled her to share her learning with others who are embarking on the journey.

IT & Digital services are enablers for their organisations and as Service Director she was passionate about getting the best out of them for the benefit of the Councils that they support. She worked hard to make and retain relationships at all levels of the business and this gives her a comprehensive view of service needs which informs her strategic thinking and direction.

Throughout Sam's career she has been keen to share experiences and collaborate across the public sector. Socitm has given her the opportunity to do this at regional and national levels. She has been involved with Socitm since 2016, first through the regional committee, then as Vice President and most recently as President (2020-22). She leads their 'Regeneration, sustainability and connectivity' policy theme.



Sandra Taylor

Sandra was raised in the English Midlands and educated at Aston University in Birmingham where she gained an honours degree in Computer Science and Mathematics. She has worked in IT and business transformation for more than 35 years, with over 30 years of them in the public sector, putting ICT at the heart of business transformation.

As the Assistant Director for IT and Digital at Worcestershire County Council, she is accountable for the realisation of business strategies and outcomes through the deployment and delivery of appropriate and relevant digital services. She has led in modernising and optimising ICT infrastructures, as well as delivering digitally enabled transformation programmes to implement new organisational delivery models.

Sandra works with national groups and programmes to represent priorities of local public services ICT including the Local Public Sector CIO Council. She is a Fellow of the Chartered Management Institute (FCMI), Fellow of Socitm (FSITM) and Professional Member of the British Computer Society (MBCS).



Marc Warner

Marc is the CEO and Co-Founder at Faculty. He co-founded Faculty in the belief that the benefits of AI should extend to everyone, and has since overseen the growth of Faculty to one of London's premier AI companies. He has led many data science projects, with clients ranging from multinational companies like EasyJet and Siemens to the UK government and the NHS. Before Faculty, Marc was a Marie Curie Fellow in Physics at Harvard University, specialising in quantum sensing. Outside of Faculty, he advises the UK government on digital, data and artificial intelligence as a member of the Digital Economic Advisory Council. He has a PhD in Quantum Computing and a degree in Physics from Imperial College London.



Helen Yannakoudakis

Helen is an Assistant Professor in AI at the Department of Informatics, King's College London, and Affiliated Staff at the Department of Computer Science & Technology, University of Cambridge. Previously, she was a Lecturer and a Senior Research Associate at the University of Cambridge, a Fellow and Director of Studies in Computer Science at Murray Edwards College, and a Newton Trust Teaching Fellow at Girton College, Cambridge. Helen is also a co-founder and Chief Technology Officer at Kinhub (formerly Kami), an AI-enabled health and wellbeing platform that provides employees with personalised support. Helen holds a PhD in AI from the University of Cambridge, and an MPhil in Computer Speech, Text & Internet technology, also from the University of Cambridge.

Helen's research focuses on AI and specifically machine learning for Natural Language Processing, working on both fundamental methods as well as societal and health applications such as automated language assessment, abusive language detection, misinformation, emotion and mental ill-health detection. Helen is a Fellow of the Higher Education Academy, has received funding awards from both industry and academia, has served as a keynote speaker and a panelist, and has won international competitions such as the NeurIPS 2020 Hateful Memes Challenge. She currently serves as an Area Chair for NeurIPS 2023.