

## Responsible AI Series

Live Stream	Tuesday 16 November <b>Opportunities in AI</b>	Thursday 18 November <b>How do we tackle AI Challenges?</b>	Monday 22 November <b>AI in Finance</b>	Tuesday 23 November <b>AI in land, air and maritime</b>	Tuesday 30 November <b>AI in Transport</b>	Thursday 2 December <b>AI in Power Systems</b>	Tuesday 7 December <b>AI in Healthcare</b>
Chair 13.30	<b>Nadia Abouayoub, Strategist &amp; Innovation in Banking &amp; Ronjon Nag, Founder R42 Institute and Inventor</b>	<b>Nadia Abouayoub, Strategist &amp; Innovation in Banking &amp; Ronjon Nag, Founder R42 Institute and Inventor</b>	<b>Nadia Abouayoub, Strategist &amp; Innovation in Banking</b>	<b>Elise Tapping, Chair IET AI TN &amp; Chief Engineer for Ships Support Maritime Combat System Underwater Electronic Warfare, MoD</b>	<b>Sarah Sharples, Chief Scientist, DfT</b>	<b>Mark McGranaghan, EPRI Fellow, EPRI Europe</b>	<b>Peter Bannister, VP Life Sciences Ada Health &amp; Naomi Lee, Vice Chair, ITU/WHO Focus Group on Artificial Intelligence for Health</b>
13.30	Advances and future impact of AI <b>Rob Wortham, Author, Transparency for Robots and Autonomous Systems</b>	Explainable AI: Approaches and Challenges <b>Adrian Weller, Alan Turing Institute and University of Cambridge</b>	Ethics & Regulation– AI (Machine Learning) Challenges In Financial Fairness <b>Michael Mainelli, Co-Founder, Z/Yen Group</b>	Military AI and International Law <b>Kees van Haperen, Borwell</b>	AI and Digital Twins in Transport Systems <b>Mark Enzer, Cambridge Centre for Digital Twins and Mott MacDonald</b>	Accelerating and Scaling Adoption of AI for the Electric Power Industry <b>Heather Feldman, EPRI</b>	Turning Hospitals into AI Factories – the use of open source AI to accelerate curative radiotherapy workflow in the NHS <b>Dr Raj Jena, University of Cambridge and Addenbrooke’s Hospital</b>
14.00	Deep diving into the new National AI Strategy <b>Sana Khareghani, Head of Office for AI</b>	A framework for analysing AI legal risk <b>Presley Warner, Sullivan &amp; Cromwell</b>	Seeing the future without looking at the past, the ultimate utopia for current reality? <b>Jeremy Sosabowsky, Algodynamix</b>	Fusion in Defence <b>Colin Paterson, MoD Philippa Spencer, DSTL</b>	Heathrow’s journey into AI <b>Benjamin Hooper &amp; James Cowan, Heathrow</b>	<b>Carolina Tortora, National Grid ESO</b>	AlphaFold: Highly accurate protein structure prediction <b>Andrew Senior, DeepMind</b>
14.30	<i>Break &amp; Networking</i>	<i>Break &amp; Networking</i>	How AI & Blockchain can reshape the Finance Ecosystem <b>Morgan Deane, CEO, Baader Helvea &amp; Director, nChain</b>	14.40 How AI could support and enhance the Command, Control, Communication, Computer and Intelligence (C4I) challenges faced by the military operators of today? <b>Huw Davies and Kai Thurner, Atheniem</b> <i>15.00 Break &amp; Networking</i>	<i>Break &amp; Networking</i>	<i>Break &amp; Networking</i>	<i>Break &amp; Networking</i>
15.30	AI in the UK – opportunities to drive business growth <b>Chris Moore, Technology Specialist, Department of Trade and Industry</b>	Bias <b>Dr Anjali Mazumder, AI and Justice &amp; Human Rights Theme Lead Research Chair in Equality, Diversity and Inclusion, The Alan Turing Institute</b>	<b>Close</b>	Can we really take a risk-based approach to AI <b>Mark Woods, Splunk</b>	AI for Aviation MRO; are we there yet? <b>Dr Asteris Apostolidis, Amsterdam University of Applied Sciences</b>	Transforming Energy through AI <b>Sam Young, Energy Systems Catapult</b>	Delivering the first FDA-approved wearable, robotic, brain computer interface for stroke rehabilitation <b>Kern Bhugra, Neuroolutions</b>
16.00	The business case for Responsible AI <b>Maria Axente, Responsible AI, and AI for Good Lead, PwC UK</b>	An AI solution to Deepfakes <b>Ben Colman, Reality Defender</b>		In-flight aircraft reconfiguration using deep learning <b>Kirsten McCormick, General Dynamics – Mission Systems</b>	AI’s and Not-AI’s for Universal Autonomy <b>Paul Newman, Founder and CTO, Oxbotica</b>	“Fireside chat” discussing the use of AI to address a range of use cases in the energy sector <b>Erwin Frank-Schultz IBM UK Valerie Lynch, AND Technology Research</b>	The NHS AI Lab - Enabling the safe adoption of AI in health and care <b>Dr Indra Joshi, &amp; Sarah-Jane Green, NHSx</b>
16.30	<i>Panel Discussion</i> <b>AI – Hype or Hope? Maria Axente Chris Moore Sana Khareghani</b>	<b>AI for building the Future UK needs</b> Esra Kasapoglu, Director of AI and Data Economy, Innovate UK		<i>Panel Discussion</i> <b>Complex systems with ‘responsible AI’. How do we manage it? Huw Davies &amp; Kai Thurner</b>	<i>Panel Discussion</i> <b>Responsible AI Paul Newman Mark Enzer</b>	<i>Panel Discussion</i> <b>Erwin Frank-Schultz Valerie Lynch Heather Feldman</b>	<i>Panel Discussion</i> <b>How can AI deliver global healthcare equality? Dr. Vidur Mahajan, CARING, India</b>

				<b>Mark Woods</b> <b>Kirsten McCormick</b> <b>Kees van Haperen</b>	<b>Prof. Gopal</b> <b>Ramchurn</b>		<b>Emilian Popa, Ilara Health,</b> <b>Kenya</b> <b>Robert Korom, Penda Health,</b> <b>Kenya</b>
17.00	Close	Close		Close	Close	Close	Close