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The  
Chartered  
Institute  
for IT

# Panel – Ethics and AI

IT Ethics Specialist Group

AGM 2023

# Panellists

- **Adem Certel, Data Engineering Lead at Knight Frank LLP.** I have been working in data for the past 15 years, answering requests to stakeholders and for press publications
- **Professor Darren Delcher, Lancaster University Management School, Professor in Strategic Project Management, Director, National Centre for Project Management.** His research focuses on rethinking project success, connecting projects and portfolios to strategy execution; repositioning the notion of agility, especially in the context of strategy, sustainability and innovation; and, exploring the role of ethics, morality and responsibility in professional decisions.
- **Katrina Ingram, Founder & CEO, Ethically Aligned AI:** Katrina is the Founder and CEO of [Ethically Aligned AI](#), a company focused on helping organizations to drive better outcomes in the design, development and deployment of AI systems. Katrina has over two decades of experience running both not for profit and corporate organizations in the technology and media sectors as well as experience in the public sector.

# Opportunity for discussions and comments

- Please add your own questions/topics in the meeting chat
- There will be an opportunity for the committee and SG members to add views too

# Questions

- Why does ethics in computing matter?
- Am I doing my duty as a professional if I comply with the law?
- How much time / resources can a BCS member realistically be expected to spend on ethics?
- What comes after AI?

# More questions\$

- Privacy and Surveillance: How can we balance the benefits of technological advancements with the growing concerns about individual privacy and surveillance? What ethical guidelines should be in place?
- Artificial Intelligence (AI) Bias: How do we address and mitigate biases in AI algorithms, and what role should ethical considerations play in the development and deployment of AI systems?
- Algorithmic Decision-Making: What ethical challenges arise from using algorithms to make decisions in areas such as criminal justice, finance, and healthcare? How can we ensure fairness and accountability in algorithmic decision-making?
- Digital Inclusion: In the age of rapidly advancing technology, how can we ensure digital inclusion and prevent the exacerbation of existing social inequalities? What ethical responsibilities do tech companies have in this regard?
- Cybersecurity and Ethical Hacking: How do ethical considerations intersect with the field of cybersecurity and ethical hacking? What principles should guide the ethical use of hacking skills to enhance digital security?

# Further questions\$

- **Autonomous Systems:** As we witness the rise of autonomous vehicles and drones, what ethical considerations should be taken into account to ensure the safety and responsible use of these technologies?
- **Corporate Responsibility:** What role do corporations play in ensuring ethical practices in the development and deployment of technology? How can they balance profit motives with social responsibility?
- **Emerging Technologies:** With the rapid development of technologies like biotechnology, nanotechnology, and quantum computing, what ethical frameworks should be established to guide their responsible use and potential societal impacts?
- **Data Ownership and Consent:** How can individuals maintain ownership and control over their personal data in an increasingly interconnected world? What are the ethical implications of data collection without informed consent?
- **Education and Ethical Tech Use:** How can we integrate ethical considerations into technology education to ensure that future generations are equipped with the knowledge and values necessary for responsible and ethical tech use?

# Warning: Synthetic content\$



**You**

Why does ethics in computing matter?



**ChatGPT**

Ethics in computing matters for several important reasons:

In summary, ethics in computing is essential for shaping technology that aligns with human values, respects individual rights, and contributes positively to the well-being of society. It provides a framework for responsible innovation and helps navigate the complex ethical challenges arising from the rapid evolution of computing technologies.



**You**

Explain in 100 words whether Am I doing my duty as a professional if I comply with the law?



**ChatGPT**

Complying with the law is a fundamental aspect of professional duty, reflecting a commitment to legal and ethical standards. While legal compliance establishes a baseline for professional behavior, it may not encompass the full scope of ethical responsibility. Professionals must consider broader implications, promoting fairness, social responsibility, and the well-being of stakeholders. Striving for ethical excellence, beyond mere legal adherence, ensures a positive impact on individuals and society, reinforcing trust in the profession and contributing to a culture of integrity and accountability.



**You**

How much time / resources should a British Computer Society member realistically be expected to spend on ethics?



**ChatGPT**

The time and resources a British Computer Society (BCS) member should dedicate to ethics can vary based on individual roles, responsibilities, and personal commitment. However, it's generally advisable for members to allocate a meaningful portion of their professional development to ethical considerations. This may involve staying informed about ethical guidelines and industry best practices, attending relevant training or workshops, and actively participating in discussions on ethical issues within the field. As a guideline, dedicating a few hours per month to ethical considerations, along with periodic training sessions, can contribute to maintaining a strong ethical foundation in the rapidly evolving field of computing.



**You**

In 200 words explain What comes after AI?



**ChatGPT**

The trajectory beyond Artificial Intelligence (AI) involves the evolution and integration of advanced technologies that surpass current AI capabilities. One avenue is Artificial General Intelligence (AGI), representing machines with human-like cognitive abilities across diverse tasks. AGI aims to comprehend, learn, and apply knowledge in a manner that parallels human intelligence. Additionally, the fusion of AI with emerging technologies like quantum computing holds promise for unprecedented computational power, enabling more complex problem-solving and pattern recognition.

Moreover, the progression toward Human Augmentation involves enhancing human capabilities through technology, intertwining biology and machinery. This includes neurotechnologies, biotechnology, and advancements in prosthetics, creating a symbiotic relationship between humans and machines.

The Ethical, Legal, and Social Implications (ELSI) of future technologies are critical considerations. As we move forward, responsible development, addressing biases, ensuring privacy, and defining ethical boundaries become paramount. Continued interdisciplinary collaboration among technologists, ethicists, policymakers, and society at large will be crucial to navigating the evolving landscape post-AI, fostering innovation while upholding ethical and societal values. The future may witness a harmonious coexistence and collaboration between humans and increasingly sophisticated intelligent systems, presenting both opportunities and challenges for the next era of technological advancement.

§ChatGPT 3.5 provided the additional questions and the answers to the first 4 human derived questions