bcs

**ICT Ethics
Specialist Group**

ICT Ethics SG Workshop
23rd October 2019

BCS London office: 25 Copthall Avenue *London*, EC2R 7BP
Booking link: https://ictsg23102019.eventbrite.co.uk

AI/Machine Learning and Ethics

Teaching across disciplines, in this case computer science and humanities, can be daunting.

The aim of this workshop is to provide background information, examples and techniques to identify some of the issues relating to ethics in AI/ML. Presentations have been organised around themes, and time has been allocated to provide space for discussion on the topics and also to share ideas, approaches – and challenges – to teaching ethics and AI. Almost as important is the opportunity to meet with others and share experiences.

Programme
10.00 – Coffee/tea

10.20 – Introduction and background (Penny Duquenoy, Chair ICT Ethics SG)

10.40 –GDPR Codes of Conduct and the Law/Ethics Divide (Chiara Rustici)
   • Discriminating between legal and ethical judgements in the course of day-to-day activities
11.10   Q&A

11.20 – Responsible Innovation - SHERPA project (www.project-sherpa.eu)
   • Investigating the ethical and human rights implications of Smart Information Systems (SIS)
      (Prof. Bernd Stahl, De Montfort University)

12.00 – Group discussions on key points and implications for design and process

12.30 – Lunch

1.00 – Sustainability, Computing and Ethics (Dr. Neil Gordon, University of Hull)

1.30 – Group discussions on approaches to teaching and implications for computer science policy.

2.30 – Coffee break

2.45 – AI ethics and professionalism (Dr. Blay Whitby, University of Sussex)

3.15 – Group discussions - meeting principles of BCS Code of Conduct

3.45 – Ethics frameworks: assessing frameworks; usability/efficiency

4.30 – Round-up of discussions, summary of outcomes [end of workshop]

NOTE: Booking is essential – you may not be allowed into the building by security without booking for security reasons.

Speakers:

Chiara Rustici is an independent EU privacy and GDPR analyst and current Chair of BCS Law SG. Formerly an International Law tutor for the University of Edinburgh, a research fellow with Italy's CNR, teaching fellow in Jurisprudence at the University of Genoa, and a Philosophy of Law research scholar at the University of Milan, she has written extensively on how businesses should prepare for the GDPR. Her interviews on the impact of the GDPR on specific sectors have appeared in The Times, The Guardian, The Lancet, among others. She is a frequent keynote speaker on data regulation and an independent academic researcher affiliated with *Dipartimento di Ingegneria dell'Informazione, Elettronica e Telecomunicazioni* (DIET), the telecommunication engineering department of "La Sapienza" University of Rome.

Bernd Carsten Stahl is Professor of Critical Research in Technology and Director of the Centre for Computing and Social Responsibility at De Montfort University, Leicester, UK. His interests cover philosophical issues arising from the intersections of business, technology, and information. This includes ethical questions of current and emerging of ICTs, critical approaches to information systems and issues related to responsible research and innovation. He serves as Ethics Director of the EU Flagship Human Brain Project (www.humanbrainproject.eu), Coordinator of the EU project Shaping the ethical dimensions of information technologies (SHERPA) and is Co-PI (with Marina Jirotka, Oxford) of the Observatory for Responsible Research and Innovation in ICT (www.orbit-rri.org).

Dr. Neil Gordon is a senior lecturer in Computer Science at the University of Hull. His research areas include the role of computing in society, considering how computer technologies can improve other areas, from formal approaches to improve the safety of medical systems, through to improvements in education through computer science approaches. He has been interested in the way that computing interrelates with the concept of Sustainable Development, as a way to offset the sometimes negative perception of computing damaging to the environment and to society.

Dr. Blay Whitby is a philosopher and technology ethicist specialising in computer science, artificial intelligence and robotics. He is a leading researcher in the field and the author of many books, chapters and papers on the subject including "On Computable Morality", "Reflections on Artificial Intelligence: The Legal, Moral and Ethical Dimensions and "Artificial Intelligence, A Beginner's Guide". He has been a member of the BCS Ethics Forum/Group, advisor to the Royal Academy of Engineering, and contributor to EPSRC Principles of Robotics. He is based at the University of Sussex.

BCS ICT Ethics SG – Chair

Penny Duquenoy is currently Chair of the SG, having previously served on BCS ethics expert panel/forum/group for many years. Previously Associate Professor of ICT Ethics and currently Visiting Researcher at Middlesex University, London, her research interest is on embedding ethics during project design and development. She has taken part in various co-funded research projects (EU and EPSRC) as participant and external independent expert. Penny is a long-standing member of IFIP (International Association of Information Professionals), past Chair of IFIP Special Interest Group 9.2.2 "Framework for Ethics", BCS representative for TC9 (Computers and Society) and the IFIP representative on IP3 Standards and Accreditation Committee.