Artificial intelligence, health and human rights webinar

Panel members

Professor Enrico Coiera is Director of the Centre for Health Informatics at the Australian Institute of Health Innovation and Foundation Professor in Medical Informatics, Macquarie University. Trained in medicine with a computer science PhD in Artificial Intelligence (AI), he has a research background in industry and academia, with a strong international research reputation for his work. He spent 10 years at the prestigious Hewlett-Packard Research Laboratories in Bristol UK where he led numerous health technology projects and has overseen the development and trial of multiple e-Health interventions. Professor Coiera leads the NHMRC Centre of Research Excellence in Digital Health and is a Lead Investigator on the NHMRC Partnership Centre in Health System Sustainability. Professor Coiera founded and leads the Australian Alliance for Artificial Intelligence in Healthcare (AAAiH) and is one of five Australian experts appointed to the Global Partnership on Artificial Intelligence (GPAI) in 2020. His textbook *Guide to Health Informatics* is in its 3rd edition, is widely used internationally, and is translated into several languages. He has >350 publications, >16,100 citations in Google Scholar with an H-index of 64. Of these publications, 40 have more than 100 citations, 9 more than 300 citations and one has more than 2,050 citations.

Professor Niloufer Selvadurai is an academic at Macquarie Law School. She analyses how technological change undermines the effectiveness of law, especially in the fields of intellectual property, health and media, and considers how legal frameworks can be designed to support longevity. Niloufer's present research is on developing a regulatory framework to support the responsible and productive use of AI systems. Since 2014, Niloufer has published and presented seminars on AI governance, including on the regulation of face recognition technologies and the use of AI by Fintechs. In 2019, Niloufer was lead author of Australia's Submission to the AIPPI World Congress on Copyright and AI. She is presently involved in a collaborative multi-institution research project on AI governance with Qatar University and the University of Hong Kong.

Dr Rita Matulionyte is a senior lecturer at Macquarie Law School. She has over 10 years of experience in researching intellectual property law and how it applies to new information technologies. She has over 40 high quality research publications, has presented in academic and stake holder conferences in Europe, US, Japan, Hong Kong and Australia, and has consulted businesses, national and international organizations on matters related to intellectual property law. Prior to her work at Macquarie Universityshe had affiliations with research organizations in Germany, Japan and Lithuania.

Carolyn Adams is a senior lecturer at Macquarie Law School where she teaches and researches in the area of public law, with a focus on human rights and open government. Her research interests include rights of access to information; effective decision-making; transparency and accountability in big data environments. Carolyn regularly provides expert advice on privacy and the handling of personal information to government and non-government organisations. She is currently engaged in a major project examining the ethics, law and policy of sharing and linking data collections of personal information in the hands of government for research.

Dr Stephen McCombie current research interests are in cyber crime, digital forensics, cyber threat intelligence and cyber conflict. His research draws on a diverse background in policing, security and information technology. His PhD thesis examined the impact of Eastern European cybercrime groups on Australian banks. Stephen over the last 20 years has held a number of senior positions in information security with IBM, CSC, RSA, National Australia Bank (nabCERT) and SecureWorks. In 2009 nabCERT, the team Stephen setup and led, won AusCERT's Annual Award for Organisational Excellence in Information Security. Stephen prior to working in industry spent 14 years in the NSW Police as a Detective and was instrumental in the establishment of their first computer crime investigation team. Stephen is currently a Senior Lecturer in Cyber Security at Macquarie University in Australia. He is also currently a Certified Information System Security Professional (CISSP), a Certified Fraud Examiner (CFE) and an Information Systems Security Management Professional (ISSMP).