

ARTIFICIAL INTELLIGENCE & TECHNOLOGY



Centre for Technology, Robotics,
Artificial Intelligence & the Law
Faculty of Law





L-R: Professor David Tan (Deputy Director, TRAIL), Justice Kannan Ramesh (Supreme Court of Singapore), Justice Pang Khang Chau (Supreme Court of Singapore), Professor George Williams AO (Dean, UNSW Law), Associate Professor Daniel Seng (Director, TRAIL), Judicial Commissioner Vincent Hoong (Supreme Court of Singapore) and Mr Paul Neo (Chief Operating Officer, Singapore Academy of Law)

Centre for Technology, Robotics, Artificial Intelligence & the Law (TRAIL)

The Centre for Technology, Robotics, Artificial Intelligence & the Law was established in NUS Law to explore the relationship between technology and the various areas of legal research.

Focus

- To inform the debate on the legal, ethical, policy, philosophical and regulatory questions associated with the use and development of information technology (IT), artificial intelligence (AI), data analytics and robotics, through contributions by way of original thinking, research, writing and publications.
- To collaborate with like-minded research centres around the world to further inter-disciplinary research in, and the development of, possible guidelines, standards, and solutions to the legal, ethical, policy, philosophical and regulatory issues associated with the development and application of IT, AI, data analytics and robotics in key industries.

Partner Institutions

- Intellectual Property Research Institute of Australia (IPRIA), Melbourne Law School, University of Melbourne
- Centre for Media & Communications Law (CMCL), Melbourne Law School, University of Melbourne
- Law & Technology Centre, Faculty of Law, University of Hong Kong



L-R: Professor David Tan (Deputy Director, TRAIL), Professor Megan Richardson (Director, IPRIA; Co-Director, CMCL) and Associate Professor Jason Bosland (Co-Director, CMCL)



L-R: Associate Professor Daniel Seng (Director, TRAIL) and Associate Professor Sun Haochen (Director, Law & Technology Centre, HKU)

Projects

Can Money Buy Justice?

Professor Ho Teck Hua, Professor Simon Chesterman and Associate Professor Przemysław Jeziorski (UC Berkeley)

Regulating Artificial Intelligence: Algorithms, Robots and the Limits of the Law

Professor Simon Chesterman

Evaluating the Digital Millennium Copyright Act – An Empirical Assessment of Takedown Notices

Associate Professor Daniel Seng

Regulation of Innovative Therapies in Medicine

Associate Professor Tracey Evans Chan

Comparative Regulation of AI in Europe and Singapore

Associate Professor Daniel Seng, Associate Professor Chang Ee-Chien and Professor Nathalie Martial-Braz (Université Paris Descartes)

Data Sharing of Electronic Medical Health Record Information

Associate Professor Tracey Evans Chan and Associate Professor Mark Taylor (University of Melbourne)

Privacy and Data Protection Issues in Differential Privacy and Federated Learning

Associate Professor Daniel Seng and Assistant Professor Reza Shokri

Events



Professor George Williams AO, Dean, UNSW Law

Rule of Law and Automation of Government Decision-Making

20 August 2019

This inaugural TRAIL seminar explored the tension between the rule of law and rapid technological change and concluded with observations on how the automation of government decision-making can both enhance and detract from rule of law values such as due process rights. Participants were deeply engaged in a discussion about the implementation of possible legal safeguards against the increasing use of technology in assisting judges when making sentencing or bail decisions, in detention without trial scenarios and for ascertaining and calculating tax liability.

Your Fridge Knows What You Ate: Legal & Risk Management Solutions To Internet Of Things Malware Attacks

4 October 2019

The seminar focused on the risks to the Internet of Things (IoT) from malware attacks, as well as measures to protect the IoT including cybersecurity frameworks, enterprise risk management systems and compliance programs. It explored how cybersecurity is no longer the sole responsibility of an organisation's IT department and emphasised the need for active participation and buy-in from all members in the organisation.



Assistant Professor Paul Flanagan
Director (Privacy, Cybersecurity & Compliance Program), Drexel University

TRAIL Executive Committee

Director

Associate Professor Daniel Seng (NUS Law)

Deputy Directors

Professor David Tan (NUS Law)

Associate Professor Chang Ee-Chien
(NUS School of Computing)

TRAIL Academic Fellows

Associate Professor Tracey Evans Chan (NUS Law)

Professor Simon Chesterman (NUS Law)

Assistant Professor Christian Hofmann (NUS Law)

Sheridan Fellow Kenneth Khoo (NUS Law)

Associate Professor Ernest Lim (NUS Law)

Assistant Professor Lin Lin (NUS Law)

Assistant Professor Reza Shokri (NUS School of Computing)

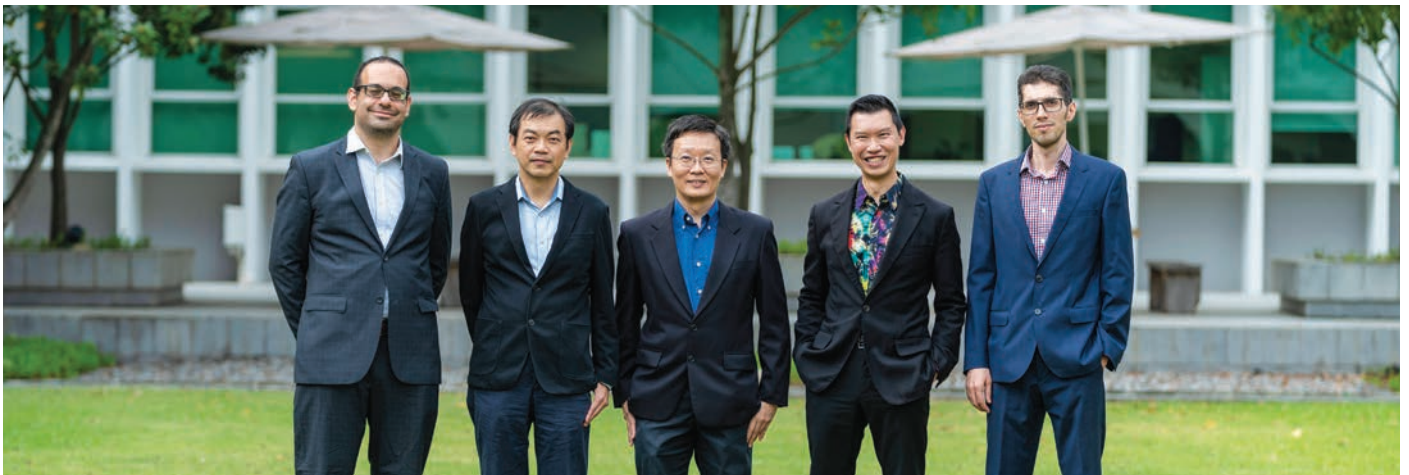
Professor Tan Cheng Han (City University of Hong Kong)

Associate Professor Helena Whalen-Bridge (NUS Law)

Sheridan Fellow Benjamin Wong (NUS Law)

Ms Hu Ying, Lecturer (NUS Law)

Assistant Professor Yair Zick (NUS School of Computing)



L-R: Assistant Professor Yair Zick, Associate Professor Chang Ee-Chien, Associate Professor Daniel Seng, Professor David Tan and Assistant Professor Reza Shokri

Opportunities at NUS

TRAIL welcomes queries regarding opportunities for research project collaborations in any area of technology and law.

Visiting Researchers & Scholars Programme

Academics and PhD scholars interested in visiting TRAIL to conduct research are welcome to contact us.

Post-Doctoral Fellowship

NUS Law also offers annual Post-Doctoral Fellowships administered by the Office of the Vice Dean (Research).

Details on our career opportunities can be found at law.nus.edu.sg/about-us/career

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