NUS National University of Singapore | Centre for Technology, Robotics, Artificial Intelligence & the Law — Faculty of Law

NUS National University of Singapore | Centre for Banking & Finance Law — Faculty of Law

REGULATING AUTONOMOUS TRADING: ADDRESSING AI-DRIVEN MARKET MANIPULATION IN AUSTRALIA

Professor Mimi Zou, University of New South Wales

ABOUT THE SPEAKER

Professor Mimi Zou is the Head of School in the School of Private and Commercial Law at the University of New South Wales and a Fellow of the Australian Academy of Law. She is a global leader in the field of law and emerging technologies, with more than a decade of research expertise in the private and commercial law dimensions of artificial intelligence. Her work has informed high-level policy and regulatory initiatives, and she has served as a senior adviser to the G7, the World Economic Forum, the UK Government's responsible technology adoption body, the UK Ministry of Justice, and LawtechUK. Before joining UNSW, Professor Zou held senior academic leadership roles in the United Kingdom. She was Chair in Commercial Law at the University of Exeter and held the inaugural fellowship in Chinese law at the University of Oxford, where she also founded the Oxford Deep Tech Dispute Resolution Lab and a legal tech spinout. Professor Zou holds a Bachelor of Civil Law (Distinction) and a DPhil in Law from the University of Oxford, where she studied at Christ Church and St John's College as a Commonwealth Scholar. She has been called to the Bar of England and Wales and admitted as a Solicitor in New South Wales, Australia.

Monday, 23 March 2026 | 5.00PM TO 6.15PM (SGT)
CBFL Meeting Room (Elm Level 1), NUS Law (UTown)

ABOUT THE SEMINAR

The rapid evolution of artificial intelligence (AI) is transforming financial markets, particularly exchange-based markets already dominated by sophisticated algorithmic trading. As trading agents become increasingly autonomous through advanced AI and machine learning techniques, new risks emerge where algorithms independently learn harmful behaviours. Such behaviours, including tacit collusion, market spoofing, and benchmark manipulation, threaten market integrity and may disadvantage other participants. This paper assesses the extent to which Australia's current financial markets laws and regulations can respond to these challenges and identifies three key limitations: the difficulty of detecting AI-driven 'learned manipulation', the legal framework's reliance on conduct attributable to human deployers, and the evidentiary burdens required to prove the market effects of autonomous misconduct. To address these shortcomings, the paper proposes the introduction of a certification regime for algorithmic trading systems, drawing on lessons from the European Union's MiFID II and RTS 6, and adapting them for the Australian regulatory context. The proposed regime would require explainability, record-keeping, pre-deployment testing, and ongoing monitoring, thereby enhancing transparency and regulatory oversight. Its aim is to ensure that increasingly autonomous trading algorithms operate safely and ethically, strengthening Australia's ability to safeguard market integrity in an AI-driven future.

CPD

SILE ACCREDITED CPD ACTIVITY

Public CPD Points: 1
Area: Banking & Finance
Training Level: General

Participants who wish to obtain CPD Points are reminded that they must comply strictly with the Attendance Policy set out in the CPD Guidelines. For this activity, this includes signing in on arrival and signing out at the conclusion of the activity in the manner required by the organiser, and not being absent from the entire activity for more than 15 minutes. Participants who do not comply with the Attendance Policy will not be able to obtain CPD Points for attending the activity. Please refer to http://www.sileCPDcentre.sg for more information.

PROGRAMME

4.30pm - Registration
5.00pm - Start of Event
6.00pm - Moderated Q&A
6.15pm - End of Event

WHO SHOULD ATTEND

Attorneys, judges, academics and students interested in technology, financial and monetary law.

REGISTRATION

https://tinyurl.com/trailcbfl260323
or scan the QR code

S$98.10 (inclusive of 9% GST)
Complimentary for full-time NUS staff and students.

Closing date: **18 March 2026**
For enquiries, email cbfl@nus.edu.sg