



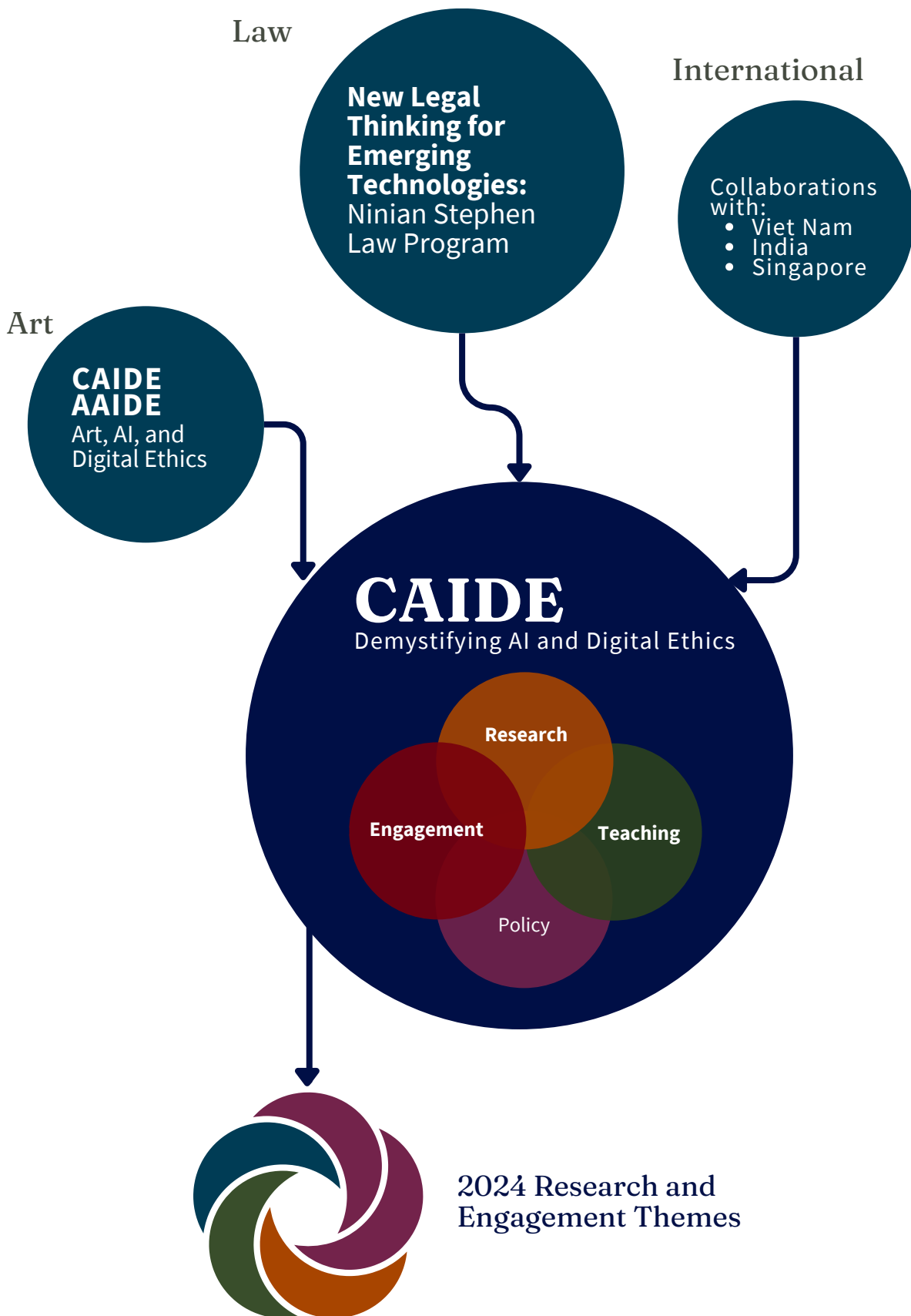
THE UNIVERSITY OF  
MELBOURNE

# Centre for AI and Digital Ethics

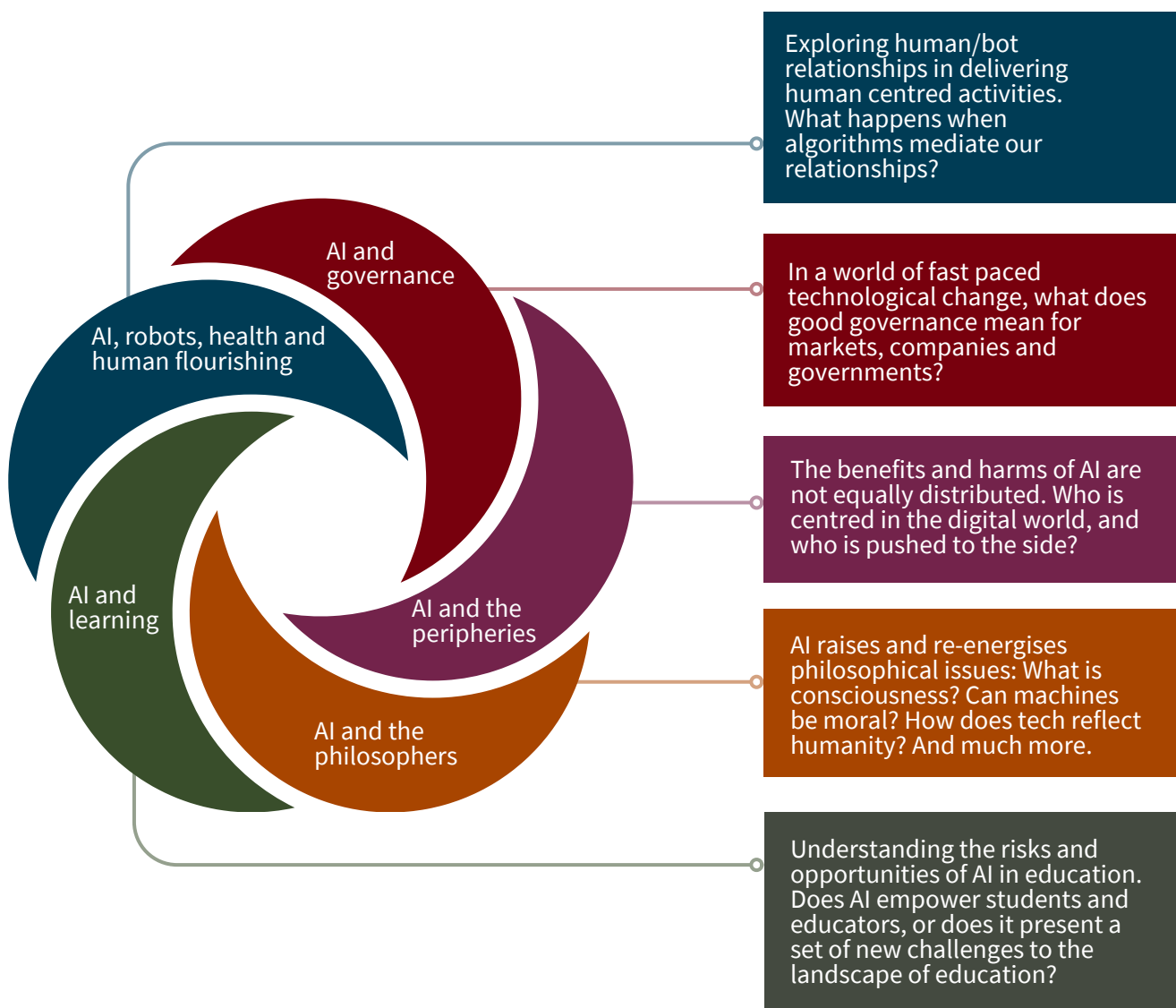
Teaching and  
Learning Offerings  
2024

Version 2.0  
November 2023

# The Centre for AI and Digital Ethics



# CAIDE 2024 Research and Engagement Themes



# Overview

The University of Melbourne is home to world-class expertise in AI, ethics, law, and policy. The University's Centre for Artificial Intelligence and Digital Ethics (CAIDE) facilitates cross-disciplinary research, teaching and leadership on ethical, technical, regulatory and legal issues relating to Artificial Intelligence (AI) and digital technologies. It brings together expertise from the Melbourne Law School, the Melbourne School of Computing and Information Systems, and the Faculties of Engineering and Information Technology, Arts, Medicine Dentistry and Health Sciences, and the Melbourne Graduate School of Education at the University.

*“We are committed to ensuring that our research and insights are taken directly into classrooms to train current and future professionals and leaders in ethical approaches to technology”*

As an interdisciplinary research centre, CAIDE is capable of drawing on a network of researchers with expertise in Artificial Intelligence, Law, Regulation, Cyber Security, Sociology, Business, Ethics, Governance, and Philosophy. We are committed to ensuring that our research and insights are taken directly into classrooms to train current and future professionals and leaders in ethical approaches to technology.

In addition to the Melbourne microCert ***Introduction to the Ethics of Artificial Intelligence***, CAIDE's teaching portfolio ranges from undergraduate breadth subjects to graduate study for lawyers, computer scientists and scientists and engineers to bespoke offerings for organizations. Many of our subjects can also be taken individually for professional development purposes. More information on current teaching can be found on the CAIDE website:

[unimelb.edu.au/caide/study](https://unimelb.edu.au/caide/study).

# 2024 Teaching

| Undergraduate  | Postgraduate  | Professionals  |
|--|---|--|
| <b>Ongoing</b>   |   |  |
| <ul style="list-style-type: none"> <li>• AI, Ethics and the Law</li> <li>• Breadth Track on AI and Digital Technologies</li> <li>• Internships and Work Integrated Learning</li> </ul> | <ul style="list-style-type: none"> <li>• The Ethics of AI (Master of Computer Science)</li> <li>• Science and AI: Ethical &amp; Legal Challenges (MLM, MSc, MEng)</li> </ul>                        | <ul style="list-style-type: none"> <li>• Microcert: Introduction to the Ethics of Artificial Intelligence</li> <li>• Specialist Certificate in Law (Digital Law and Technological Innovation)</li> </ul> |
| <b>New in 2024</b>   |   |  |
| <ul style="list-style-type: none"> <li>• AI Law and Ethics content in computer science undergraduate program</li> </ul>  | <ul style="list-style-type: none"> <li>• Regulating AI and Digital Ethics (MLM)</li> <li>• AI ethics component in FEIT Innovation subject</li> <li>• Law school tech innovation programs</li> </ul> | <ul style="list-style-type: none"> <li>• Bespoke masterclasses for legal, business, and professions</li> <li>• Law, Justice and Innovation masterclasses</li> </ul>                                      |

## Melbourne MicroCert

# Introduction to the Ethics of Artificial Intelligence

**Many, if not most, organisations are currently using artificial intelligence (AI) and data-driven techniques to assist in their decision making, customer interactions, and day-to-day operations. They are, however, often unaware of the social and ethical risks associated with these technologies.**

For current and emerging leaders and for professionals wanting to better understand AI, the Introduction to Artificial Intelligence Ethics MicroCert provides learners with the skills to identify the social and ethical risks of AI and how these may negatively impact their organization and its reputation.

A key difference from other offerings is that this Melbourne MicroCert draws on CAIDE's leading-edge research within and across disciplines.

Through the use of practical techniques as part of their learning, on completion of this Melbourne microCert, learners should be able to:

- demonstrate an understanding of key societal and ethical issues and risks arising from the use of AI
- demonstrate an understanding of the strengths and limitations of contemporary AI
- apply an ethical framework to help them consider the core ethical issues in their organization
- apply principles of 'good' AI to technology design projects in which they are involved in some way.

Over the course of the subject, learners construct a "cheat-sheet" for themselves, incrementally adding questions and possible issues that should be considered when evaluating new AI or other emerging technology projects or systems.

They then employ these as guides to completing a final case study for assessment and are encouraged to continue to use and improve them to inform their thinking in professional contexts.

With no background in AI, IT, or ethics assumed or required to undertake this course, it is ideal for general-, functional-, team- or project managers, and for individual professionals of all backgrounds across the organisation, as well as for IT professionals looking to upskill in this area.

### Cost

Price per person: \$1190  
10% discount for groups of 15-30

## CAIDE Masterclass

# Demystifying AI Ethics

### Overview

The CAIDE Masterclass provides an opportunity for Board directors, C-suite executives, upper management, and senior professionals to discuss, reflect, and develop their thinking about AI and its ethical and regulatory challenges over two days. The CAIDE masterclass takes a cross-disciplinary approach that gives participants, regardless of background, an overview of the key ethical and governance challenges in the areas of bias/fairness, transparency, responsibility, accountability, and privacy in digital technologies. The masterclass further provides an introduction to the key legal regimes applicable to its field, including privacy and consumer protection law, as applied to AI, as well as the growing trend in AI-specific law and regulation. A key part of CAIDE's mission is building the capacity of organisations and those

working in them to develop or deploy innovative digital technologies while maintaining public trust.

### Delivery

As the Masterclass on Demystifying AI Ethics is a bespoke offering, it can be delivered as a two-day block, or separated into two to four sessions as required. CAIDE takes a blended-learning approach to the delivery of education. This approach delivers stronger learning outcomes as it supports the learning of participants with varied backgrounds, allowing all learners to achieve a base level of knowledge before contributing their perspectives and domain-specific knowledge in the workshops.

### Audience

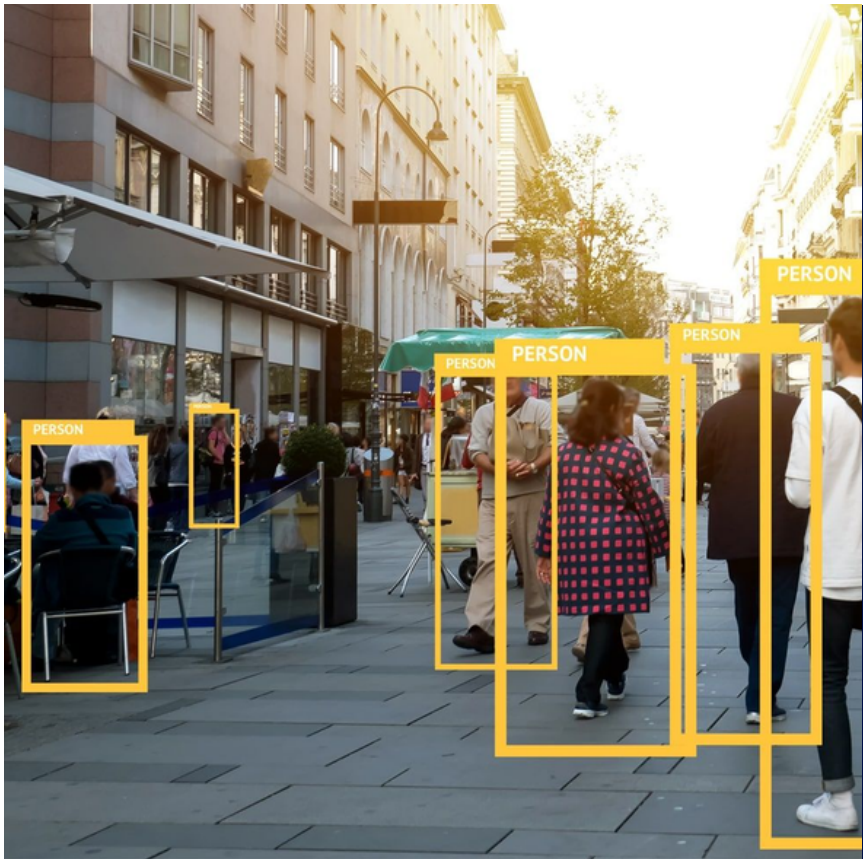
Whether you are an executive or manager looking to deploy a new chatbot or employ some advanced customer analytics, a Board director seeking greater

awareness of the impact that AI may have on your organization, or an advisor interested in getting a better understanding of the kinds of ethical issues that may come up around emerging digital technology for your clients, the Masterclass will provide an introduction to the topic of AI Ethics and some key concepts, and give you the opportunity to work through selected issues with a group of other participants in a series of workshops over two days. No technical background in AI or computing is required to participate in the Masterclass.

### Cost

Price per person: \$199

Price per cohort: \$20,000 for up to 20 attendees (and proportionate discount for larger cohorts)





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## **Centre for AI and Digital Ethics**

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