

MAOMEI WANG

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AOS

Formal Epistemology; Decision Theory; Ethics and Philosophy of AI

AOC

Philosophy of Logic; Social Epistemology; Social and Political Philosophy

EMPLOYMENT

Postdoctoral Researcher at Lingnan University	<i>Aug. 2024 - Present</i>
Co-investigator of the project “Bayes meets AGM”	<i>Jan. - June 2024</i>
Part-time Lecturer at the University of Hong Kong	<i>Sep. 2023 - June 2024</i>
Research Assistant at the University of Hong Kong	<i>June - July 2023</i>
- MA Course Development: Fundamentals of AI, Data, and Algorithms	

EDUCATION

Ph.D. in Philosophy, The University of Hong Kong, Hong Kong	<i>2020 - 2024</i>
- Dissertation: Preference Bayesianism: Foundation and Updating	Grade: outstanding
- Committee: Uwe Steinhoff (Chair); Richard Pettigrew (External); David McCarthy (Supervisor); Max Deutsch; Jennifer Nado	
M.Phil. in Philosophy, Lingnan University, Hong Kong	<i>2018 - 2020</i>
- Dissertation: Proper Scoring Rules in Epistemic Decision Theory	Grade: outstanding
- Committee: Rafael de Clercq (Chair); Wei Xiong (External); Jiji Zhang (Supervisor); Daniel Waxman	

RESEARCH

Publication

- “Will power-seeking AGIs harm human society?” *AI & Society* *2025*

Under Review

- “A subjectivist’s perspective on the value of information”
- “Preference revision and Bayesian updating”

Work in Progress

- “On the value of non-free information”
 - “On misinformation”
 - “On situational awareness”
 - “On responsibility gap”
 - “Ethics and imprecise probabilities”
 - “Against accuracy arguments for probabilism”
 - “Bayes meets AGM”
- with Jiakang Zhang*
with Fei Song
with David McCarthy
with David McCarthy

ACTIVITIES

Responsible AI in Action (Cross-Disciplinary AI Safety Workshop)	<i>Dec. 2025</i>
- Will power-seeking AGIs harm human society? (poster)	
ISIPTA 2025	<i>July 2025</i>
- Minimal change preference revision and Bayesian update rules (peer-reviewed talk)	
Formal Epistemology Workshop 2025	<i>May 2025</i>
- Minimal change preference revision and Bayesian update rules (peer-reviewed talk)	
Lingnan University	<i>Mar. 2025</i>
- On the value of properly decoded information (WIP talk)	
Fudan University (Applied Ethics Seminar)	<i>Dec. 2024</i>
- On the instrumental convergence thesis (talk)	
Yonsei University (AI & Epistemology Workshop)	<i>July 2024</i>
- On arguments for AGI misalignment (talk)	
Lingnan University	
- Proper scoring rules in epistemic decision theory (research finding seminar)	<i>2020</i>
- Credal Inertia (topic defense seminar)	<i>2019</i>

TEACHING

Instructor at Lingnan University	
- Policy, Business, and Regulatory Issues in AI (MA course)	<i>Spring 2026</i>
- Computability and Logic (new MA course)	<i>Spring 2025, 2026</i>
- Ethics of AI (new MA course)	<i>Fall 2024, 2025</i>
Instructor at the University of Hong Kong	
- Paradoxes of Decision	<i>Spring 2024</i>
- Value Theory	<i>Spring 2024</i>
- Fundamentals of AI, Data, and Algorithms (new MA course), with Boris Babic	<i>Fall 2023</i>
Teaching Assistant at the University of Hong Kong	
- Formal Epistemology	<i>Fall 2021</i>
- Paradoxes of Decision	<i>Fall 2021</i>
Teaching Assistant at Lingnan University	
- Deductive Logic	<i>Fall 2019</i>

SUPERVISION

Master's Theses	
- Duo Cao; Jinghao Gao; Jiayao Gong; Yuqi Guo; Jiaxi Huang; Dinghe Li; Ziyu Liu; Rixin Peng; Hao Ye; Xiya Xu; Jiayuan Zheng	<i>2024 - 2025</i>

SERVICE AND MEMBERSHIPS

Service at Lingnan University	<i>Aug. 2024 - Aug. 2025</i>
- As a Programme Planning Committee Member for the new Bachelor of Arts (Honours) in Philosophy and Artificial Intelligence	
- Courses Developed: Ethics and Artificial Intelligence, Philosophy of Machine Learning, Data Analysis for the Humanities (with Adrian Yee)	
Member of SIPTA (The Society for Imprecise Probabilities: Theories and Applications)	

AWARDS

The University of Hong Kong

- Full Student Scholarship

2020 - 2023

Lingnan University

- Full Student Scholarship

2018 - 2020

CERTIFICATES

Certificates in Teaching and Learning in Higher Education (HKU and Lingnan University)
Accounting

LANGUAGE

Mandarin (Native), English (Fluent), Cantonese (Basic)

REFERENCES

David McCarthy

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The University of Hong Kong

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Jiji Zhang

Associate Dean of Arts (Research), Professor

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Professor of Philosophy

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