

IACAP/AISB 2025 Schedule

Version of 16.06.2025

Tuesday 1 July	Outline	Track 1 Individual Talks	Track 2 Individual Talks	Track 3 Individual Talks	Track 4 Symposium	Track 5 Symposium
Rooms		RA1501 - 93	RA2501 - 87	RA2503 - 51	Learn-X - 54*	Inspire - 54*
9:00-9:30	Coffee					
9:30-10:30	Plenary	AISB Keynote by Philip Brey Relational Intelligence and Human–AI Relationships: Foundations, Technologies, and Ethical Dimensions				
10:30-11:00	Coffee					
11:00-13:00	Session 1 4 Talks	Philosophy and History of Computing	Artificial Intelligence and Machine Learning	Ethics of AI and Computing	Generative Companionship in the Digital Age-Session 1 (Normative Concerns in the Employment of GenAIs)	Bridging Justice and Meaningful Human Control in Medical AI
11:00	Epistemic Type Mismatch -Yves Bouchard	Could AI Assuage Loneliness? And if so, which kind? -Ramon Alvarado	Recommendation Algorithms and Human Freedom, the Technology and Ethics -James Brusseau	Introduction to Companion GenAI (Robert Clowes and Kesavan Thanagopal)	11:00-11:05: Welcome 11:05-11:30 Giorgia Pozzi & Filippo Santoni de Sio Epistemic justice through meaningful human control in medical AI	
11:30	Universal computable prediction and inductive bias -Tom Sterkenburg	Axe the X in XAI: A Plea for Understandable AI -Andrés Páez	Wisdom in the Age of Intelligent Machines -Edward H. Spence	What Makes Human-AI Relationships Morally Problematic? (Kesavan Thanagopal)	Sanaa Abrahams & Giulio Mecacci Epistemic Justice in Healthcare: Enhancing Meaningful Human Control through	

					Responsibility Distribution
12:00	What is a Knowledge Graph? -Georgios Tsagdis	Can an LLM Apprehend Meaning? -Daniel Hardt	On the moral boundaries of AI ethics principlism -Alice Rangel Teixeira	LLMs, Sycophancy, and Self-Deception (Eric Funkhouser)	Keynote by Lily Frank Automating Reproduction: AI, Risk Prediction, and the New Politics of Control in Reproductive and Fertility Medicine
12:30	Knowledge graphs, synthetic data -Tom Powers	Forgotten-by-design: a human-centric paradigm of forgetting in AI -Laurynas Adomaitis, Anass Sedrati, Olof Görnerup, Rickard Braennvall	Kantian Deontology for AI: Alignment Without Moral Agency -Oluwaseun Sanwoolu	Can We Trust AI Companions? (Marianna B. Ganapini)	Panel discussion among speakers
13:00-14:00	Lunch				
14:00-15:30	Session 2 3 Talks	Embodied, Ecological, and Distributed Cognition	Artificial Intelligence and Machine Learning	Societal Implications of AI and Computing	Generative Companionship in the Digital Age-Session 2 (Developing, Deploying, and Deepening Relationships with Digital Companions)
	14:00	Explaining Mental Disorders: Enactivist Sense-Making versus Miscomputation -Nir Fresco, Dominic Murphy	Expert Testimony and Deep Neural Network -De Yang	It Is Not a Camera! Radio Sensing Holography as a Disruptive Technology -Ciano Aydin	Rethinking Relationships Through AI (Yan Zhuang and Shuting Yin) Eliana Bergamin & Angeliki Kerasidou When AI ignores emotions: contributory injustice and epistemic calcification in

					healthcare
14:30	From Dilemmas to Innovation: Distributed Moral Reasoning for R&D Teams -Marco Innocenti	Meta+phenomenology I: A Taxonomy of Learning Experiences -Michael Winter	Weathering the STORM: SocioTechnical Operation Risk Management -John Sullins	Reorienting AI Companions to Stimulate Prosocial Human-Human Interaction (Rose E. Guingrich)	Keynote by Patrik Hummel: How can accurate data be unjust?
15:00	Mind Reading Machines? Conceptual Muddles behind some neurorights concerns -Stephen Rainey	Reliability of Deep Learning Simulations for Photovoltaic Systems -Lucia Guerrisi	Assisted autonomy? Wellbeing and the importance of the sensorium in the ethical analysis of wearable exoskeletons for activities of daily living -Aline Franzke	The Ethics of Digital Duplicates (Atay Kozlovski and Mykola Makhortykh)	Panel discussion among speakers
15:30-16:00	Coffee				
16:00-17:30	Session 3 3 talks	Workshop: Philosophy of Computing Book Club	Artificial Intelligence and Machine Learning	Consciousness, Emotions, and Affective Computing	Generative Companionship in the Digital Age-Session 3 (On the Issue of Authenticity in Human-AI Relationships)
16:00	Workshop: Philosophy of Computing Book Club -Nico Formanek et al.	The significance of vulnerability for being trustworthy about AI -Giacomo Figà-Talamanca, Dr. Niël Conradie	No Hard Feelings?: A Philosophical Analysis of the Social Value of Expressions of Emotions -Alexandra Prégent	Love and Tools (Ariela Tubert and Justin Tiehen)	Jacqueline Kernahan and Atay Kozlovski Designing for Meaningful Human Control Over LLM Tools in Healthcare - A Case Study

16:30	Workshop continues	AI art: aesthetics (and ethics) in a digital age -YJ Erden	Consciousness in the creative process and the problem for AI -Joachim Nicolodi	Negotiating Authenticity in Human-AI Relations (Adrienne de Ruiter)	Gabriele Nanino I'll answer you to death: LLMs' epistemic recklessness in the medical sector
17:00	Workshop continues		Representational markers of consciousness -Peter Fazekas	tbd	Panel discussion among speakers
17:30-18:00	Closing				

Wednesday 2 July	Outline	Track 1 Individual Talks	Track 2 Individual Talks	Track 3 Symposium	Track 4 Symposium	Track 5 Symposium	Track 6 Symposium
Rooms		RA1501 - 93	RA2501 - 87	RA2502 - 72	RA2504 - 72	Learn-X - 54*	Inspire - 54*
9:00-9:30	Coffee						
9:30-10:30	Plenary	IACAP Simon Award Keynote by Emily Sullivan Machine Learning in Science: Dimensions of Understanding					
10:30-11:00	Coffee						
11:00-13:00	Session 1 4 Talks	Computing and Scientific Inquiry	Ethics of AI and Computing	Reimagining AI Agents	Advancing debates on the epistemology of medical AI	Moral and Legal AI Alignment	AI and animals: Ethical impacts of AI technologies on non-humans
	11:00	Reproducing Simulations -Nico Formanek	AI and High Risk contexts: Distinguishing Standards for Decisionmaking -Rooke Christy	TBD	Emanuele Ratti Juan Durán: Revisiting the limits of computational reliabilism	Andy Williams Computational Meta-Epistemology and the Necessity of Decentralized Collective Intelligence for AI Alignment	Mark Ryan, Bernice Bovenkerk, and Leonie Bossert An Introduction to the Ethics of Artificial Intelligence and Animals
	11:30	How can we trust an XAI explanation? Three robustness criteria for trustworthy XAI methods -Annika Schuster, Florian Boge	Autonomous and AI-Enabled Systems: Extensions or Replacements of Human Will and Control? -Nathan Wood	TBD	11:40-12:10 Emma-Jane Spencer Artificial Ignorance: Why Al's Tacit Knowledge isn't Epistemically Legitimate	Michael Färber and Birte Platow Beyond Technocratic Control: Cultivating Human Maturity and Responsibility in AI Alignment	Philip Nickel Ethical Aspects of Non-animal Models for Therapy Delivery Across the Blood-brain Barrier: the NAP4DIVE Project
	12:00	The benchmarking epistemology: What inferences can scientists draw from competitive	Ed-tech, role responsibilities and teachers' moral entanglement -Fabio Tollen, Michał Wieczorek	TBD	12:20-12:50 Chirag Arora Epistemic Trustworthiness and Data-Driven Healthcare	Luca Rivelli The Ethical No-Free-Lunch Principle: Fundamental Limits to Purely	Mika Rosenberg, Lilli-Chiara Kurth, Alessandro Mac-Nelly and Max Baraitser Smith,

		comparisons of prediction models? -Timo Freiesleben, Sebastian Zezulka	Research Expertise	Data-Driven AI Ethics	Artificial Ants and Ethical Entanglements: Rethinking AI's Role in Non-Human Research		
12:30	Why AI is not going to take mathematicians' jobs (or on the complexity of mathematicians' jobs) -Nancy Abigail Nuñez Hernández	On the moral status of present-day robotic and AI systems -Björn Lundgren, Olof Leffler	TBD	Dorothea Kolossa and Sabine Ammon AI value alignment in human machine interaction using LLM chatbots: technical, epistemic and ethical challenges of diversity	Paulan Korenhof and Mark Ryan Something Looks Fishy! An Exploration of the Social and Ethical Implications of Fishial Recognition Systems		
13:00-14:00	Lunch						
14:00-15:30	Session 2 3 Talks	Computing and Intelligence	Societal Implications of AI and Computing	Reimagining AI Agents	Advancing debates on the epistemology of medical AI	Moral and Legal AI Alignment	AI and animals: Ethical impacts of AI technologies on non-humans
14:00	What is Intelligence? -Arzu Formanek	Does trust in AI necessarily imply the loss of control? Why trust and control can—and should—go hand in hand -Jojanneke Drog	TBD	Stefan Buijsman Preserving Human Autonomy in Medical AI Interactions	Parris Haynes and Phillip Honenberger Pluralism in AI Value Alignment: Motivations and Methods	Mariska Bosschaert-Bakhuizen Animal welfare in the world of digitalization: Computer Vision in the context of meta-physical structures	

14:30	From Active Matter to Complex Intelligent Systems: An Agent-Based Framework -Gordana Dodig-Crnkovic	LLMs and Testimonial Injustice -William Gopal	TBD	14:40-15:10 Thomas Grote Machine Learning and Evidence Based Medicine: A Complicated Liaison	Simon Münker Cultural Bias in Large Language Models: Evaluating AI Agents through Moral Questionnaires	Friderike Spang AI, Democratic Innovations, and the Representation of Non-Human Animals Short title: AI and Animal-Inclusive Democracy
15:00	From Simulating Towards Duplicating the Brain - The Case of Neuromorphic AI -Johannes Brinz	Emerging sociotechnical imaginaries in the ethics of QT: Lessons for Quantum Technology from Artificial Intelligence -Sybott Doorn, Lavinia Marin	TBD	Bertram Lomfeld Towards a Discursive Normative Grammar for Language Models	Catia Faria AI-Driven Environmental Enhancement and Wild Animal Autonomy	
15:30-16:00	Coffee					
16:00-17:30	Session 3 3 talks Embodied, Ecological, and Distributed Cognition	Workshop: Early Career Publishing	Reimagining AI Agents	Advancing debates on the epistemology of medical AI	Moral and Legal AI Alignment	AI and animals: Ethical impacts of AI technologies on non-humans
	16:00 Neuro-Symbolic AI, Reason, and Content: Connecting the Nonconceptual and the Conceptual -Jacob Rump	Workshop: Early Career Publishing -Springer	TBD	Giorgia Pozzi "TBA"	Daniel Hromada – Moral Ordinals, Axiometry and Alignment of Values in Small Instruct Language Models	Mona Giersberg and Franck Meijboom It's Hard Enough Without AI: The Value of Diagnosis in Veterinary Practice

16:30	The shared cybernetic roots of computationalism and enactivism -Henrique Mendes	Workshop continues	TBD	16:30-17:30 Panel (Q&A from audience): Ratti, Durán, Spencer, Arora, Buijsman, Grote, Pozzi	16:30-17:30 Workshop Value-driven Alignment of Language Modules	Bernice Bovenkerk and Dominic Lenzi The Synergy between AI and Biotechnology for Conservation: an Epistemic Justice Problem
17:00		Workshop continues	TBD	16:30-17:30 Panel (Q&A from audience): Ratti, Durán, Spencer, Arora, Buijsman, Grote, Pozzi	16:30-17:30 Workshop Value-driven Alignment of Language Modules	Christoph Krüger and Sam Tucker-Davis Unlearning Human Bias: Teaching Language Models to Think Beyond Species
17:30-18:00	Closing					

Thursday 3 July	Outline	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
		Individual Talks	Individual Talks	Individual Talks	Symposium	Symposium	Symposium
Rooms		RA1501 - 93	RA2501 - 87	RA2502 - 72	RA2504 - 72	RA2334 - 80	RA4336 - 40
9:00-9:30	Coffee						
9:30-10:30	Plenary	IACAP Covey Award by Vincent Müller Title tba					
10:30-11:00	Coffee						
11:00-13:00	Session 1 4 Talks	Computing and Scientific Inquiry	Artificial Intelligence and Machine Learning	Teaching With and About AI: Engagement Philosophy and Case Studies	The epistemic risks of AI integration	The values and disruptive capacities of AI Systems	
	11:00	Deep-learning Models and Scientific Understanding through Explanations and Descriptions -Giovanni Galli	The Non-Bias Myth. A Popular Belief in AI and Machine Learning -Johannes Lenhard, Matthias Brandl	Workshop: Teaching With and About AI, Case Studies from 2024 -Brian Ballsun-Stanton and Max Aeon Parks	Sascha Fink: Varieties of Epistemic Risks in Emerging Technologies	Max Hellrigel-Holderbaum Misalignment or misuse? A tradeoff	
	11:30	Deep Neural Networks as Vehicles for Scientific Understanding -Frauke Stoll	Ideals of Transparency in Artificial Intelligence and Philosophy -Hajo Greif	Workshop continues	Hadeel Naeem: AI and the heterogeneity of pain	Eleonora Catena AI outsourcing and the value of autonomy	
	12:00	Knowledge and Truth in Machine Learning -Ioannis Votsis	Beyond Representation: A Philosophy for Understanding Large Language Models -Steve T McKinlay	Workshop continues	Ian Robertson: The Limitation Game: Anthropomorphising and “AI testimony”	Ibifuro R. Jaja AI Value Alignment: From Rights to Capabilities	
	12:30	Machine Learning in Science:	A Transformer Says ‘Slab’	Workshop continues	Deb Marber: Artificial Vices	Vincent C. Müller TBA	

		Approximation over Idealization - Luis G. Lopez	-Fabian Pregel	
13:00-14:00	Lunch			
14:00-15:30	Session 2 3 Talks	Artificial Intelligence and Machine Learning	Robotics, Autonomous Systems, and Human-Machine Interaction	Teaching With and About AI: Engagement Philosophy and Case Studies
	14:00	On the Normativity of the Concept of Believability in Generative Agents -Sven Thomas, Leonie Möck	Robots and Resentment -Don Berkich	Interactive workshop: Writing and Research with (and about) AI: using Claude and OpenAI's LLMs to scaffold and edit papers -Brian Ballsun-Stanton
	14:30	Commonsense Reasoning in Artificial Intelligence: Challenges and Evaluation of Large Language Models -Zeynep Kabadere	Hell is Other Robots: Participatory Sense-Making and GenAI -Robin Zebrowski	Workshop continues
	15:00		Care Ex Machina: A computational approach to robotic care ethics with LLMs -Aníbal M. Astobiza	Workshop continues
15:30-16:00	Coffee			Anthropomorphization of Mental Health Chatbots (Thomas Leis)

16:00-16:30	Plenary	IACAP and AISB Members Meetings
16:30-17:30		Closing plenary by Tom Powers U.S. Academic Research: A History and Status Report
17:30-18:00	Closing	