IACAP/AISB-25 Schedule

Day 1: Tuesday 1 July

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	**Registration and Coffee**					
9:30-10:30	**Plenary**	**AISB Keynote by Philip Brey** Relational Intelligence and Human–AI Relationships: Foundations, Technologies, and Ethical Dimensions **Chair:**				
10:30-11:00	**Coffee**					
11:00-13:00	**Session 1 4 Talks**	**Philosophy and History of Computing** **Chair:** Tom Powers	**Artificial Intelligence and Machine Learning** **Chair:** Ramon Alvarado	**Ethics of AI and Computing** **Chair:** Don Berkich	**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	On the moral boundaries of AI ethics principlism -Alice Rangel Teixeira	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	Kantian Deontology for AI: Alignment Without Moral Agency -Oluwaseun Sanwoolu	LLMs, Sycophancy, and Self-Deception (Eric Funkhouser)	Keynote by Lily Frank Automating Reproduction: AI, Risk Prediction, and the New Politics of Control…
	12:30	Knowledge graphs, synthetic data -Tom Powers		Wisdom in the Age of Intelligent Machines -Edward H. Spence	Can We Trust AI Companions? (Marianna B. Ganapini)	Panel discussion among speakers
13:00-14:00	**Lunch**					

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Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2503 - 51**	**Learn-X - 54***	**Inspire - 54***
14:00-15:30	**Session 2 3 Talks**	**Embodied, Ecological, and Distributed Cognition** **Chair:** Hajo Greif	**Artificial Intelligence and Machine Learning** **Chair:** Brian Ballsun-Stanton	**Societal Implications of AI and Computing** **Chair:** Arzu Formanek	**Generative Companionship in the Digital Age-Session 2 (Developing, Deploying, and Deepening Relationships with Digital Companions)**	**Bridging Justice and Meaningful Human Control in Medical AI**
	14:00	Explaining Mental Disorders: Enactivist Sense-Making versus Miscomputation -Nir Fresco, Dominic Murphy	AI and High Risk contexts: Distinguishing Standards for Decisionmaking -Rooke Christy	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	Social Needs, Anthropomorphism, and Reorienting Digital 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 -Nicola Angius, Lucia Guerrisi, Alessio Plebe	Assisted autonomy? Wellbeing and the importance of the sensorium in the ethical analysis of wearable exoskeletons -Aline Franzke	The Ethics of Digital Duplicates (Atay Kozlovski and Mykola Makhortykh)	Panel discussion among speakers
15:30-16:00	**Coffee**					

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Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2503 - 51**	**Learn-X - 54***	**Inspire - 54***
16:00-17:30	Session 3 3 talks	**Workshop: Philosophy of Computing Book Club** **Chair:** Nico Formanek	**Artificial Intelligence and Machine Learning** **Chair:** Ian Robertson	**Societal Implications of AI and Computing** **Chair:** Oluwaseun Sanwoolu	**Generative Companionship in the Digital Age- Session 3 (On the Issue of Authenticity in Human-AI Relationships)**	**Bridging Justice and Meaningful Human Control in Medical AI**
	16:00	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…
	16:30	Workshop continues	AI art: aesthetics (and ethics) in a digital age -YJ Erden	Emerging sociotechnical imaginaries in the ethics of QT: Lessons for Quantum Technology from Artificial Intelligence -Sybolt Doorn, Lavinia Marin	'Real Enough'? 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	Consciousness in the creative process and the problem for AI -Joachim Nicolodi		Ersatz Others that Remember You: The New Ethical Dilemmas (Robert Clowes)	Panel discussion among speakers
17:30-18:00	**Closing**					

Day 2: Wednesday 2 July

Wednesday 2 July	Outline	Track 1 Individual Talks	Track 2 Symposium	Track 3 Symposium and Workshop	Track 4 Symposium	Track 5 Symposium
Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2504 - 72**	**Learn-X - 54***	**Inspire - 54***
9:00-9:30	**Registration and Coffee**					
9:30-10:30	Plenary	**IACAP Simon Award Keynote by Emily Sullivan** Machine Learning in Science: Dimensions of Understanding **Chair:** Björn Lundgren				
10:30-11:00	**Coffee**					
11:00-13:00	Session 1 4 Talks	**Computing and Scientific Inquiry** **Chair:** Johannes Lenhard	**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	Panel 1: Angelic AIs as Artifactual, Epistemic, Social and Collective Agents	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	Panel continues	Emma-Jane Spencer Artificial Ignorance: Why AI'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 comparisons of prediction models? -Timo Freiesleben, Sebastian Zezulka	Panel 2: Theological Perspectives on AI: Agency, Personhood and God	Chirag Arora Epistemic Trustworthiness and Data-Driven Healthcare Research Expertise	Luca Rivelli The Ethical No-Free-Lunch Principle: Fundamental Limits to Purely Data-Driven AI Ethics	Lilli-Chiara Kurth, Alessandro Mac-Nelly and Max Baraitser Smith, Artificial Ants and Ethical Entanglements: Rethinking AI's Role in Non-Human Research

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Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2504 - 72**	**Learn-X - 54***	**Inspire - 54***
	12:30	Why AI is not going to take mathematicians' jobs (or on the complexity of mathematicians' jobs) -Nancy Abigail Nuñez Hernández	Panel continues	Stefan Buijsman Preserving Human Autonomy in Medical AI Interactions	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** **Chair:** John Sullins	**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	Panel 3: Communicating with (Non-Human) AI Agency: Occult, Mythological and Scholastic Perspectives	Panel (Q&A from audience): Durán, Spencer, Arora, Buijsman,	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	Panel continues	Panel continues	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	Panel continues		Bertram Lomfeld Towards a Discursive Normative Grammar for Language Models	Angela Martin and Leonie Bossert, Search Engines, Large Language Models and Justice for Animals.
15:30-16:00	**Coffee**					

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Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2504 - 72**	**Learn-X - 54***	**Inspire - 54***
16:00-17:30	**Session 3 3 talks**	**Embodied, Ecological, and Distributed Cognition** **Chair:** Robin Zebrowski	**Reimagining AI Agents**	**Workshop: Early Career Publishing**	**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	Panel 4: Latent Spaces and Demonic Machines: AI Deception and Enchantment	Workshop: Early Career Publishing -Springer	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	Panel continues	Workshop continues	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	Autonomous and AI-Enabled Systems: Extensions or Replacements of Human Will and Control? -Nathan Wood	Panel continues	Workshop continues	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**					
18:30	**Conference Dinner at UPark Hotel. Arrivals from 18:00**					

Day 3: Thursday 3 July

Thursday 3 July	Outline	Track 1 Individual Talks	Track 2 Individual Talks	Track 3 Symposium	Track 4 Symposium and Posters	Track 5 Symposium
Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2502 - 72**	**RA2804 - 72**	**RA2334 - 80**
9:00-9:30	**Registration and Coffee**					
9:30-10:30	**Plenary**	**IACAP Covey Award Keynote by Vincent Müller** Using AI as Philosophical Method **Chair:** Steve T McKinlay				
10:30-11:00	**Coffee**					
11:00-13:00	**Session 1 4 Talks**	**Computing and Scientific Inquiry** **Chair:** Björn Lundgren	**Artificial Intelligence and Machine Learning** **Chair:** Chirag Arora	**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: Approximation over Idealization - Luis G. Lopez	A Transformer Says 'Slab' -Fabian Pregel	Workshop continues	Deb Marber: Artificial Vices	Vincent C. Müller Short-term or long-term AI ethics? A dilemma for fanatics

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Rooms		**RA1501 - 93**	**RA2501 - 87**	**RA2502 - 72**	**RA2804 - 72**	**RA2334 - 80**
13:00-14:00	**Lunch**					
14:00-15:30	**Session 2 3 Talks**	**Artificial Intelligence and Machine Learning** **Chair:** Steve T McKinlay	**Robotics, Autonomous Systems, and Human-Machine Interaction** **Chair:** Nancy Abigail Nuñez Hernández	**Teaching With and About AI: Engagement Philosophy and Case Studies**	**IACAP Posters Session** **Chair:** Ahmed Amer	**Generative Companionship in the Digital Age- Session 4 (AI Companions and User's Mental Health)**
	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	Flashlights posters 1-3	Rita Lobo Possibilities and Limits of a Virtual Therapist
	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	Flashlights posters 4-6	The Digital Other in AI Therapy (Pii Telakivi)
	15:00	Ed-tech, role responsibilities and teachers' moral entanglement -Fabio Tollon, Michał Wieczorek	On the moral status of present-day robotic and AI systems -Björn Lundgren, Olof Leffler	Workshop continues	Flashlights posters 7-9	Anthropomorphization of Mental Health Chatbots (Thomas Leis)
15:30-16:00	**Coffee**					
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 **Chair:** Björn Lundgren				
17:30-18:00	**Closing**					