

IACAP

International Association of Computing and Philosophy

Oregon 2024

Eugene



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UNIVERSITY OF
OREGON

IACAP 2024 Program

Monday 8 July

9:30–10:00	Registration	
10:00–11:10	Covey Keynote James Commons Chair: Hajo Greif <ul style="list-style-type: none"> Cultures of Prediction by Johannes Lenhard 	
11:10–11:40	Coffee Break	
11:40–12:50	Epistemology of ML Room 140 Chair: Björn Lundgren <ul style="list-style-type: none"> Informational Injustice and Epistemic Exclusions by Abbas Bagwala ML Assistance, Epistemic Virtues, and Judicial Decision-Making by Syed AbuMusab, Alejandro D. Tamez 	Ethics of AI Room 204 Chair: Ahmed Amer <ul style="list-style-type: none"> AI Ethics and Ordoliberalism 2.0: Towards A 'Digital Bill of Rights' by Manuel Woersdoerfer Close Personal Relationships with AI Artifacts by Oluwaseun Sanwoolu
12:50–14:00	Lunch	
14:00–15:10	Philosophy and History of Computing Room 140 Chair: Björn Lundgren <ul style="list-style-type: none"> Is Computability Enough? by Nico Formánek The Origin of Adaptation, Effective Procedures, and the Reality of Mechanism by Hajo Greif, Kristina Šekrst 	Societal Impact of AI, Computation, and Information Room 204 Chair: Abbas Bagwala <ul style="list-style-type: none"> How to Address the Anthropomorphism Dilemma in Social AI systems: A Functionalist Approach by Syed AbuMusab "It's Alive?" – The Logical and Ethical Problems of a Bad Question by Ahmed Amer
15:10–15:40	Coffee & Posters	
15:40–16:50	Epistemology of ML Room 140 Chair: Steve McKinlay <ul style="list-style-type: none"> Is the 'Calculator for Words' Metaphor Useful for Communicating about LLMs? by Brian Ballsun-Stanton, Ines Hipolito LLMs Can't Think by Russ Abbott 	Ethics of AI Room 204 Chair: Arzu Formánek <ul style="list-style-type: none"> Generative AI, the Next Battlefield in the AI Wars by John Sullins, Robin Zebrowski Privacy as Obscurity: Big Data, Inferences, and Attention by Clint Hurshman
16:50–17:20	Coffee Break	
17:20–18:30	Epistemology of ML Room 140 Chair: Nico Formánek <ul style="list-style-type: none"> Artificial Intelligence, Irrationality and Fallibilism by Steve T McKinlay Should We Allocate Epistemic Trust to AI? by Ramon Alvarado 	
19:00	Welcome Drinks at Max's Tavern	

Poster Sessions: On Monday and Tuesday we will have poster sessions with refreshments (15:10-15:40 both days). Please take the opportunity to check out the posters in James Commons. If you are presenting a poster, please enjoy your refreshments next to your poster so that people can engage with you and ask questions.

Tuesday 9 July

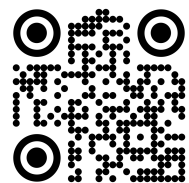
9:40–11:10	Symposium: New Perspectives on Computer Simulation in the Age of AI Room 140 Chair: Ramón Alvarado <ul style="list-style-type: none"> • Novel Epistemological Considerations for AI-Infused Science by Eamon Duede • Computational Reliabilism in Computer Simulations and AI by Ramón Alvarado • Simulation Avoidance by Nico Formánek 	
11:10–11:40	Coffee Break	
11:40–12:50	SIG: Minds and Machines Room 140 Chair: Tom Powers <ul style="list-style-type: none"> • Pseudo-Rehearsal Learning: Navigating the Philosophical Nexus of Cognition and Memory Dynamics by Georgios Palamas • The Measure for Weak Emergence: Taking Data Compression Algorithms Philosophically Seriously by A. Theodore Izmaylov 	Ethics of AI Room 204 Chair: Björn Lundgren <ul style="list-style-type: none"> • Offloading Wisdom: 3 Technological Relations that Mediate Phronesis by Andrew Zelny • The Responsibility Gap in Explainable AI by Filippos Stamatiou
12:50–14:00	Lunch	
14:00–15:10	Epistemology of ML Room 140 Chair: Hajo Greif <ul style="list-style-type: none"> • Navigating the Informativeness-Compression Trade-Off in Explainability by Ninell Oldenburg • A New Pathway: From Objectual to Explanatory Understanding with AlphaFold2 by Annika Schuster 	Societal Impact of AI, Computation, and Information Room 204 Chair: Ahmed Amer <ul style="list-style-type: none"> • A Definitional Framework of Autonomous Weapon Systems by Björn Lundgren • Should Meeting the Deep Dangers of Generative AI Fall Upon Academia or Industry? by Selmer & Alexander Bringsjord
15:10–15:40	Coffee & Posters	
15:40–16:50	SIG: Minds and Machines Room 140 Chair: Tom Powers <ul style="list-style-type: none"> • Deontology in AI by Tom Powers • The Care and Feeding of Productive Uploads: A Color-Based Control Taxonomy for Emulated Intelligences by Jeremy A. Hansen 	Human Robot Interaction Room 204 Chair: Steve McKinlay <ul style="list-style-type: none"> • Robots and Resentment by Don Berkich • The Rewards and Risks of Replacing Human Neglect with Robot Care by Ahmed Amer, Maria Kyrarini, Fatemeh Davoudi, Aleksandar Zecevic
16:50–17:20	Coffee Break	
17:20–18:30	Philosophical Implications of AI Room 140 Chair: Arzu Formánek <ul style="list-style-type: none"> • Perspicuity and Digital Depth by Robin K Hill • What Roles Shall Computers Play in the Moral Conversation? by Elizabeth O'Neill 	
19:00	Conference Dinner at Agate Alley Bistro	

Wednesday 10 July

9:30–11:10	Computational Modeling and Programming Room 140 Chair: Steve McKinlay <ul style="list-style-type: none"> • Phenomenology of Program Surveyability by Lucas Bang • Citation Distance Matters: Towards a New Metric for Evaluating Journal Impact by Kate Barnes • Co-Simulations of Brain Language Processing using Neural Language Models by Pietro Perconti 	
11:10–11:40	Coffee Break	
11:40–12:50	Cognitive Science, Computation, and Cognition Room 140 Chair: Ahmed Amer <ul style="list-style-type: none"> • Are Biointelligent Systems Intelligent? Theoretical Challenges to Technology and Philosophy of Intelligence by Arzu Formanek, Robert Miede • LLMs and the Cognitive Architecture by Ron Sun 	Societal Impact of AI, Computation, and Information Room 204 Chair: Abbas Bagwala <ul style="list-style-type: none"> • An Analysis of the Ukraine/Russia War and Botnets: Ethical and Anticipated Ethical Issues by Richard Wilson • Relational Equality, Data Technology, and the Anatomy of Formats by Colin Koopman
12:50–14:00	Lunch	
14:00–15:10	Simon Award Keynote James Commons Chair: Ramón Alvarado <ul style="list-style-type: none"> • Radically Rethinking Computation by Corey J. Maley 	
15:10–15:20	Break	
15:20–16:00	Members Meeting (for all conference participants) Room 204	

Useful Information

Please chat with other attendees and IACAP members about this conference on the IACAP Slack Workspace: <https://iacapconf.org/slack>. This conference's Zenodo community will happily accept pre-prints for any papers resulting from this conference. Currently uploaded abstracts and pre-prints can be found at: <https://zenodo.org/communities/iacap-2024/>. For real-time updates of the program, see <https://iacapconf.org/> or scan QR code to the right.



The 2024 IACAP meeting is hosted by and with the generous funding from the University of Oregon's Department of Philosophy. The conference is co-organized with the help of a College of Arts and Sciences Program Grant and generous support from the newly formed School of Computer and Data Sciences.

