



# PhilML reading group

AI Research Building, **2<sup>nd</sup>-floor** seminar room, Maria-von-Linden-Straße 6, Tübingen.

The **PhilML** reading group discusses current topics in the philosophy of machine learning with a special focus on the philosophy of science. All interested students and researchers are welcome to join. Participants are kindly asked to read the respective paper in advance. Organized by Timo Freiesleben, Ben Höltgen, and Sebastian Zezulka.

All information on **talks.tue.ai**.

	Readings
10.10.24, 1-2 pm	<b>Ethics of AI</b> Milano, S., & Prunkl, C. (2024). Algorithmic profiling as a source of hermeneutical injustice. <i>Philosophical Studies</i> , 1-19.
24.10.24, 1-2 pm	<b>Representation in NLP</b> Harding, J. (2023). Operationalising representation in natural language processing. <i>The British Journal for the Philosophy of Science</i> .
07.11.24, 1-2 pm	<b>Metaphysics of Causation</b> Weinberger, N., Williams, P., & Woodward, J. (2023). The worldly infrastructure of causation. <i>The British Journal for the Philosophy of Science</i> .
21.11.24, 1-2 pm	<b>Theory in causal inference</b> Lundberg, I., Johnson, R., & Stewart, B. M. (2021). What is your estimand? Defining the target quantity connects statistical evidence to theory. <i>American Sociological Review</i> , 86(3), 532-565.
05.12.24, <b>12 noon-1 pm</b>	<b>RL and artificial agency</b> Butlin, P. (2024). Reinforcement learning and artificial agency. <i>Mind &amp; Language</i> , 39(1), 22-38.
19.12.24, 1-2 pm 🌲	<b>Observational studies and the Bell Curve</b> Glymour, C. (1998). What went wrong? Reflections on science by observation and The Bell Curve. <i>Philosophy of Science</i> , 65(1), 1-32.