

Matthieu Moullec

CONTACT INFORMATION	William Gates Building 15 JJ Thomson Avenue Cambridge, CB3 0FD, UK	http://matthieumoullec.com <i>Telephone: 01223763704</i> <i>E-mail: mm2833@cam.ac.uk</i>
RESEARCH INTERESTS	Natural language processing, machine learning, philosophy of mind, cognitive science	
ACADEMIC POSITIONS	Research at the University of Cambridge, Computer Laboratory 01/2024 - : Alignment of Foundation Models https://cordis.europa.eu/project/id/865958/reporting	
EDUCATION	University of Cambridge , England, UK - PhD in Computer Science, October 2024 - Supervisor: Dr. Andreas Vlachos - Title: Representation Learning and Generalization in Large Language Models University Paris 1, Panthéon-Sorbonne , Paris, France - PhD in Philosophy, October 2023 - Supervisor: Dr. Igor Douven - Dissertation Topic: Representational Geometry in Cognition University Paris 1, Panthéon-Sorbonne , Paris, France - MSc in Philosophy and Logic, September 2018 HEC Paris , Paris, France - Grande École Programme University Paris 2, Panthéon-Assas , Paris, France - BA, Law, September 2018 CPGE Henri IV , Paris, France - BA, Classe Préparatoire aux Grandes Écoles, October 2012	
SELECTED PUBLICATIONS	[1] The Canonical <i>TMLR</i>, 2026 Matthieu Tehenan*, Andreas Vlachos [2] Mechanistic Decomposition of Sentence Representations <i>EMNLP Conference</i>, 2025 Matthieu Tehenan*, Vikram Natarajan, Jonathan Michala, Milton Lin, Juri Opitz [3] Linear Spatial World Models Emerge in Large Language Models <i>Submitted to Neural Information Processing Systems (NeurIPS)</i>, 2025 Matthieu Tehenan*, Christian Bolivar Moya*, Tenghai Long*, Guang Lin [4] Cheaper Spaces <i>Minds and Machines</i>, 2025 Matthieu Moullec*, Igor Douven	

