

Contact

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Rasmus Pedersen

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Areas of Specialisation

Philosophy of psychology (temporal perception, multimodal integration, psychophysics), philosophy of cognitive science (temporal cognition, attention, retrodiction/prediction), phenomenology of time perception and temporal cognition, mental time travel.

Areas of Competence

Philosophy of mind, experimental philosophy of time, temporal decision-making, and open science practices.

Employment

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|---------------------------------------------|------------------------------------------------------------------------|---------------------------|
| • Lecturer (part time) | Department of Philosophy,
University of Sydney | January 2026 – July 2026 |
| • Research Assistant
(see details below) | Department of Philosophy,
University of Sydney | November 2024 – July 2026 |
| • Teaching assistant | Department of Philosophy,
University of Sydney | February 2023 – July 2026 |
| • Academic Mentor | RSC Aarhus University | 2022 - 2023 |
| • Teaching assistant | Department of Philosophy
and History of Ideas,
Aarhus University | 2019 – 2020 and 2022 |

Education

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|---------------------|------------------------------------------------------------------------|-----------|
| • PhD | Department of Philosophy,
University of Sydney | June 2026 |
| • Master's degree | Department of Philosophy
and History of Ideas,
Aarhus University | June 2022 |
| • Bachelor's degree | Department of Philosophy
and History of Ideas,
Aarhus University | June 2020 |

Research Assistant Work & Other Collaborations

- **Mental Time Travel in Humans and Chimpanzees – ARC Discovery Project (RA from 2024-2026)**
Job: Conducted interdisciplinary research on episodic memory, mental time travel, and comparative cognition across philosophy, psychology, and primatology. Responsible for developing and submitting animal ethics applications for comparative cognition project in DR Congo. This required detailed engagement with multi-institutional regulatory frameworks and precise technical writing for non-specialist review committees. The team involved philosophers and comparative cognition researchers.
- **Experimental Philosophy of Time (2022/HE000814) – ARC-funded project (RA from 2022-2026)**
Job: Designed and implemented experimental surveys using Qualtrics and Prolific; managed participant recruitment and data collection; cleaned and prepared datasets for statistical analysis. Project resulted in two co-authored publications (Philosophical Psychology, 2025; Synthese, 2024).
- **Contributorship Collaboration**
Active research member of the Contributorship Collaboration, an international open-science initiative working to reform academic authorship and contribution-recognition practices across universities, funders, and journals. We currently have two co-authored papers (Accountability in Research, 2026; MetaRoR).

Dissertation

Title: Binding Time: A Theory of How Flexible and Adaptive Temporal Integration Shapes Perception

Supervisors: David Braddon-Mitchell (Primary supervisor, Dept. of Philosophy, USYD)

Alex Holcombe (Secondary supervisor, Dept. of Psychology, USYD)

Examiners: Tim Bayne (Dept. of Philosophy, Monash University)

Heather Dyke (Dept. of Philosophy, University of Otago)

Result: Passed with no revisions

Journal Publications

- [1] **Pedersen, R.** (in production) "Simulating the Past- and Future-directed Thoughts of Others". *Erkenntnis*. <https://doi.org/10.1007/s10670-026-01139-3>.
- [2] **Pedersen, R.** (2026) "Explaining and Deflating the Perceived Unity of Time". *Review of Philosophy and Psychology*. <https://doi.org/10.1007/s13164-026-00830-2>
- [3] **Pedersen, R.** (2026) "Does Mental Imagery Support Temporally Extended Agency? Rethinking the Empirical Approach". *Synthese*. <https://doi.org/10.1007/s11229-026-05637-3>
- [4] Holcombe, A., **Pedersen, R.** Lagisz, L., Pietro, P., Kovacs, M., Hosseini, M (2026) "Improving Acknowledgments Sections To Better Credit Research Contributors". *Accountability in Research*. <https://doi.org/10.1080/08989621.2026.2681050>.
- [5] Holcombe, A. **Pedersen, R.** Lagisz, L., Pietro, P. et al., (2026) "The Contributor Roles Taxonomy (CRedit), the standard for research contributions: Translations and use in languages other than English". *MetaROR*. <https://doi.org/10.31222/osf.io/2rp7s>
- [6] Parvizi-Wayne, D., **Pedersen, R.**, Rankin, J (2026) "Judging Passage and Passing Judgment: A New Direction for the Predictive Processing Account of Passage of Time Judgments". *Review of Philosophy and Psychology*. <https://doi.org/10.1007/s13164-026-00828-w>
- [7] **Pedersen, R.** (2025) "Against the Brain Time Theory as a General Theory of Temporal Binding". *Phenomenology and the Cognitive Sciences*. <https://doi.org/10.1007/s11097-025-10078-3>
- [8] J. Latham, K. Miller, J. Norton, S. Pan, **R. Pedersen** (2025) "Memory, Anticipation, and Future Bias". *Philosophical Psychology*. <https://doi.org/10.1080/09515089.2025.2451348>
- [9] **Pedersen, R.** (2024) "Retrospective and Predictive Attentional Modulation in Temporal Binding". *Synthese*. <https://doi.org/10.1007/s11229-024-04787-6>
- [10] Miller, K., Latham, A., **Pedersen, R.** (2024) "Mental time travel in animals: The "When" of Mental Time Travel". *Philosophical Transactions of the Royal Society B*. <https://doi.org/10.1098/rstb.2023.0398>
- [11] Hodroj, B., Latham, A. J., Miller, K., **Pedersen, R.**, and Wang, D., (2024) "The Role of Causal Manipulability in the Manifestation of Time Biases". *Synthese*. <https://doi.org/10.1007/s11229-024-04740-7>

Posters

- [1] **Pedersen, R.** (2023) "Delay & Desynchronization Problems for the Simple Brain Time Theory" *Cognitive Science Society*.

Papers under review

- [1] Latham, A., Lee-Tory, Li, R., J., Miller, K., Pan, S., **Pedersen, R.** "Normative Evaluation of Future Bias: The Emotion/Attention Asymmetry, Negativity Bias, and Temporal Relief".
- [2] **Pedersen, R.** "How Rich is Our Phenomenology of Temporal Binding?"

In preparation

- [1] Temporal Preferences and the (Dis)utility of Memory (w. Latham, A., Miller, K., Shadlow, J., Lee, R.)

- [2] Temporal Affordances, Circadian Zeitgebers, and Timeblindness in ADHD (w. Brevario, A.)
- [3] Using the “lead”, “equal”, and “supporting” feature of CRediT (w. Holcombe, A., Schonbrodt, F. Gaertner, A, Kovacs, M.)
- [4] Mental Time Travel & Thinking for Speaking (w. Overmark, R.)

Journal reviews

- “Cognitive Science Society” (10 reviews)
- “Synthese” (7 reviews)
- “Philosophical Psychology” (2 reviews)
- “The Sydney Chalmers” (4 reviews). An undergraduate journal of HPS University of Sydney
- “Accountability In Research” (1 review)

Scholarships and Prizes awarded

- Dean’s Citation for tutorial excellence, awarded with distinction **AUD \$400**
- Lucy Firth Publication Prize, awarded for the paper : “Retrodictive and predictive attentional modulation in temporal binding”, Synthese. **AUD \$1000**
- Lucy Firth Publication Prize, awarded for the paper: “Mental time travel in animals: The ‘when’ of mental time travel”, Philosophical Transactions of the Royal Society B, **AUD \$335**
- Lucy Firth Publication Prize, awarded for the paper: ”The role of causal manipulability in the manifestation of time biases, Synthese. **AUD \$200**
- Faculty of Arts and Social Sciences Postgraduate Research Scholarship, SC3602, “Future Flourishing” **AUD \$35,629 per annum for 3.5 years**
- Faculty of Arts and Social Sciences Postgraduate Research Support Scheme, 2025, **AUD \$1193.65**
- Faculty of Arts and Social Sciences Postgraduate Research Support Scheme, 2024, **AUD \$1,920.00**
- Faculty of Arts and Social Sciences Postgraduate Research Support Scheme, 2023, **AUD \$637.00**

Teaching experience

Lecturing (University of Sydney)

- Philosophy of Metaphysics: Time, Reality, and Possibility 2026 (81 students)
- Core Topic in Philosophy 2026 (22 students)

Tutoring (University of Sydney)

- Philosophy of Metaphysics: Time, Reality, and Possibility 2026 (50 students)
- Philosophy of Mind 2025 (75 students)
- Practical Ethics 2025 (60 students)
- Philosophy of Happiness 2024 (50 students)
- Philosophy of Mind 2024 (25 students)
- Philosophy of Metaphysics: Time, Reality, and Possibility 2024 (85 students)
- Philosophy of Happiness 2023 (50 students)
- Introductory Logic 2023 (75 students)
- Philosophy of Mind 2023 (75 students)
- Thinking Critically 2023 (100 students)

Tutoring (Aarhus University)

- Epistemology and Philosophy of Science 2022 (60 students)
- History of Philosophy I 2020 (60 students)
- History of Philosophy I 2019 (60 students)

Teaching courses

- M02 Building positive learning environments (University of Sydney, 2023)
- M05 Assessment and feedback for learning (University of Sydney, 2023)
- M08 Engaging students in lectures and large classes (University of Sydney, 2024)
- M09 Engaging students in small classes (University of Sydney, 2024)
- M18 Career building (University of Sydney, 2024)
- 12-hour Pedagogical Base Course for Teaching assistants and Tutors (2022). Certificate issuer: Centre for Educational Development, Aarhus University, Anne Mette Mørche (Head of Centre)

Admin Experience

- Organizer of End of Year Postgraduate Research Conference, December 2025,
- Organizer of Sydney Philosophy and Psychology Conference, October 2024
- Co-Organizer of SAMU Conference 2024, November, at Macquarie University
- Co-organizer of SAMU conference, November 2023, at Australian National University
- Co-Organizer of Philosophy of Mind conference 2021 at Aarhus University
- Postgraduate representative at the University of Sydney 2023 – 2025
Represented postgraduate researcher interests at faculty and university level; participated in departmental and faculty governance committees and research policy discussions.

Technical Skills

- Qualtrics: Setting up experimental surveys, collating and scrubbing data, interpreting analysed data
- Prolific: Setting up surveys and collecting survey data.

Languages

- Danish - Native
- English – Professional and academic fluency

Conference talks

2026

- “Explaining and Deflating our Perceived Unity of Time” International Association for Philosophy of Time, Yamaguchi University.

2025

- ”Do We Experience Our Entire Perceptual Field as Temporally Bound?” Australasian Cognitive Neuroscience Society Conference, [Fast Talk].
- ”Contributorship: Reforming authorship practices in philosophy and psychology” Australasian Society for Philosophy and Psychology Conference
- ”Planning Action with or Without a Mind’s Eye” Workshop on Time, Causation and the Future, University of Sydney, Department of Philosophy
- ”Is our Perception of the Present Global or Local?” University of Salzburg “Beyond the Present”.

2024

- “Retrodiction, Prediction, and Attentional Modulation in Time Perception” International Association for Philosophy of the Sciences of the Mind.
- “Other-directed Mental Time Travel as a Distinct Kind of Mindreading” Centre for Time workshop, “Time and Everyman”, Sydney University.
- “Retrodictive and Predictive Attentional Modulation in Temporal Binding” Australasian Association for Philosophy.

- “The Role of Attention, Prediction, and Retrodiction in Temporal Binding” Centre for Time Workshop “Psychology of Time Perception”, Sydney University.

2023

- “Trade-off Issues for the Simple Brain Time Theory” International Association for Philosophy of the Sciences of the Mind.
- “Trade-off Issues for the Simple Brain Time Theory” Philosophical departmental seminar, Australian National University.
- “Trade-off Issues for the Simple Brain Time Theory” [Poster] at CogSci Society.
- “Neural Delay & Desynchronisation Problems for the Simple Brain time Theory” 8th Conference of the International Association for Philosophy of Time.
- “Neural Delay & Desynchronisation Problems for the Simple Brain time Theory” Australasian Association for Philosophy.

Postgraduate Talks

- “Planning Action with or Without a Mind’s Eye” Sydney Postgraduate Presentation Day, 2025.
- “Do We Experience Our Entire Perceptual Field as Temporally Bound?” University of Tasmania, 2025.
- “Other-directed Mental Time Travel as a Distinct Kind of Mindreading” Macquarie Uni, SAMU, 2025.
- “Mindreading via Mental Time Travel” Sydney Philosophy of Psychology Conference, 2024.
- “Speed and Accuracy of Time Perception” Sydney Philosophy of Psychology Conference, 2024.

Postgraduate Coursework

- “Philosophy of Aesthetics” 2025. Grade: 90 (HD) US grade: A
- “Sympathy: Connecting with Other Minds”, 2024. Grade: 88 (HD) US grade: A
- “Mind & Metaphysics”, 2023. Grade: 90 (HD) US grade: A
- “Principles in Early Modern Philosophy”, Grade: 85 (HD) US grade: A
- “Philosophy of Well-Being”, 2021. Grade: 10 (Danish 7 point) US grade: A
- “Ontology of Change”, 2021. Grade: 12 (Danish 7 point) US grade A
- “Bayesian Epistemology”, 2020. Grade: 10 (Danish 7 point) US grade: A
- “Social Epistemology of Science”, 2020. Grade: 12 US grade: A