

Curriculum Vitae

Personal information

Léo Dutriaux

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Working Experience

2023-Present	Assistant Professor , Laboratoire d'Étude des Mécanismes Cognitifs (EMC), Université Lumière Lyon 2
2022-2023	Research and Teaching Fellow (ATER) , Laboratoire sur les Interactions Cognition, Action, Emotion (LICAÉ), Université Paris Nanterre
2019-2022	Postdoctoral fellow , under the supervision of Professor Roberto Bottini, University of Trento
2017-2019	Postdoctoral fellow , under the supervision of Professor Lawrence W. Barsalou, University of Glasgow
2016-2017	Postdoctoral fellow , Memory and Cognition Lab, Sorbonne Paris Cité University, Paris Descartes University

Education

2012-2016	PhD in Cognitive Science Sorbonne Paris Cité University, Paris Descartes University Supervised by Valérie Gyselinck (IFSTTAR) et Pascale Piolino (Prof. University of Paris) (highest mention delivered by the university) Thesis title: Toward embodied spatial models: Memory, posture, and action possibilities
2010-2012	Master in Cognitive Science (<i>Cogmaster</i>), Ecole Normale Supérieure (ENS), Sorbonne Paris Cité University, Paris Descartes University.
2007-2010	Bachelor in Psychology , Sorbonne Paris Cité University, Paris Descartes University

Skills

IT	Programming: extensive experience with Python , good level in MATLAB Experimentation software: E-prime, Psychopy, Qualtrics Statistics software: Behavioral data with R, SPSS, Statistica, Jamovi, JASP fMRI data with MATLAB
Languages	French (native), English (fluent, TOEIC score = 960), Italian (B2)

Grants and Awards

Grants	PhD Scholarship of the French higher education ministry (€80,000)
	Travel Grant of the Paris Descartes University: Two months in the Erasmus University of Rotterdam, in the Memory Lab, supervised by Diane Pecher and Rolf Zwaan (€4,000)
	French Research National Agency: Collaboration in the writing of the grant proposal based (ANR-13-APPR-0009) on my PhD project earned by Valérie Gyselinck (€381,160)
Prizes	Poster Prize of the TRACE Workshop, Montpellier
	Seal of excellence for my project for the Marie Curie Individual Fellowship 2020

Teaching

Tutor (2012-2017)	Teachings in Cognitive Psychology, Psychometry, Experimental method and Statistics at a bachelor level
Tutor (2020-2022)	Teaching in Statistics to PhD students
Assistant professor	Teaching in Cognitive Psychology, Cognitive Neuroscience, Experimental method and Statistics at bachelor and master levels

Other Academic Activities

2020-2022	Organization of the lab seminars
2020-Now	Review Editor for Frontiers in Psychology
2012-2013	Organization of the lab seminar
2009-Now	Student, post-doc, and professor representative in 8 different committees at a bachelor, master, doctoral levels, post-doctoral, and professor level from the department to the university scale.

Outreach Activities

2024	Participation to the Research festival: Introduction to memory in a class in primary school.
2018	In lab initiation of highschool students to get in contact with research
2017	Participation to the Brain Week: Introduction to the cognitive science of memory in my former high school.
2010-2012	Active member of the student association Cognivence , and participation to the organization of the 10 th and 11 th French National Cognitive Science Forum

- Dutriaux, L., & Gyselinck, V.** (2016). Learning is better with the hands free: The role of posture in the memory of manipulable objects. *PLoS ONE*, *11*(7), e0159108
- Dutriaux, L., & Gyselinck, V.** (2016). Cognition incarnée : un point de vue sur les représentations spatiales. *L'Année Psychologique*, *116*(3), 419–465.
- Makowski, D., & **Dutriaux, L.** (2017). Neuropsychia.py: A Python Module for Creating Experiments, Tasks and Questionnaires. *Journal of Open Source Software*, *2*(19)(259), 10–11.
- Barsalou, L. W., **Dutriaux, L.**, & Scheepers, C. (2018). Moving beyond the distinction between concrete and abstract concepts. *Philosophical Transactions of the Royal Society B: Biological Sciences*, *373*(1752), 20170144.
- Lhuillier, S., Gyselinck, V., **Dutriaux, L.**, Grison, E., & Nicolas, S. (2018). “Like a ball and chain”: Altering locomotion effort perception distorts spatial representations. *Journal of Environmental Psychology*, *60*, 63–71. <https://doi.org/10.1016/j.jenvp.2018.10.008>
- Dutriaux, L.**, Dahiez, X., & Gyselinck, V. (2019). How to change your memory of an object with a posture and a verb. *Quarterly Journal of Experimental Psychology*, *72*(5), 1112–1118.
- Tuena, C., Serino, S., **Dutriaux, L.**, Riva, G., & Piolino, P. (2019). Virtual Enactment Effect on Memory in Young and Aged Populations: a Systematic Review. *Journal of Clinical Medicine*, *8*(5), 620.
- Dutriaux, L.**, Nicolas, S., & Gyselinck, V. (2021). Aging and posture in the memory of manipulable objects. *Aging, Neuropsychology, and Cognition*, *28*(1), 26–36.
- de Vega, M., **Dutriaux, L.**, Moreno, I. Z., García-Marco, E., Seigneuric, A., & Gyselinck, V. (2021). Crossing hands behind your back reduces recall of manual action sentences and alters brain dynamics. *Cortex*, *140*, 51–65.
- Dutriaux, L.**, Papies, E. K., Fallon, J., Garcia-Marques, L., & Barsalou, L. W. (2021). Incidental exposure to hedonic and healthy food features affects food preferences one day later. *Cognitive Research: Principles and Implications*, *6*(1), 1-26.
- Dutriaux, L.**, & Gyselinck, V. (2022). The postural effect on the memory of manipulable objects: interference or facilitation?. *Experimental Psychology*, *68*(6), 333-339.
- Dutriaux, L.**, Clark, N. E., Papies, E. K., Scheepers, C., & Barsalou, L. W. (2023). The Situated Assessment Method (SAM2): Establishing individual differences in habitual behavior. *Plos one*, *18*(6), e0286954.
- Lhuillier, S., **Dutriaux, L.**, Nicolas, S., & Gyselinck, V. (2024). Manipulating objects during learning shrinks the global scale of spatial representations in memory: a virtual reality study. *Scientific Reports*, *14*(2656), 1–14. <https://doi.org/10.1038/s41598-024-53239-1>
- Dutriaux, L.**, Xu, Y., Sartorato, N., Lhuillier, S., & Bottini, R. (2024). Disentangling reference frames in the neural compass. *Imaging Neuroscience*, *2*(November 2023), 1–18. https://doi.org/10.1162/imag_a_00149