

Curriculum Vitae

Personal information

Léo Dutriaux

Nationality: French

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Working Experience

- 2019-Present** **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** (*Cogmaster*), 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,
 fMRI data with MATLAB
- Languages** French (native), English (fluent, TOEIC score = 960), Italian (intermediate)

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 Experience

Tutor (2012-2017)	Teachings in Cognitive Psychology, Psychometry, Experimental method and Statistics at a bachelor level
Supervision (2014-Present)	Co-supervision of 18 undergrad and master students

Other Academic Activities

2020-Now	Organization of the lab seminars
2020-Now	Review Editor for Frontiers in Psychology
2012-2013	Organization of the lab seminar
2009-Now	Student and post-doc representative in 7 different committees at a bachelor, master, doctoral levels, and post-doctoral level from the department to the university scale.

Outreach Activities

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). Neuropsydia.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.