

MASTER 2 Fundamental and Clinical Neurosciences

Internship proposal 2025-2026

(internship from January to June 2026)

Host laboratory: *Marc Jeannerod Institute of Cognitive Science, 67 Boulevard Pinel, 69500 Bron*

Host team: *Neural and Cognitive Control of Action*

Internship supervisors:

Irene Cristofori, Teacher-Researcher, irene.cristofori@isc.cnrs.fr

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Project title: *Group and individual-level effects the context on the perception of and attention to visual stimuli*

Project summary: *This project investigates the effect of contextual information on the attention and visual perception of neurotypical adults by means of computerized tasks, that involve images and short animations and require participants to quickly react to and/or make categorical decisions about the stimuli presented. Subproject 1 tests whether adults' perception of an ambiguous visual stimulus is altered by the contextual information received, and if, yes, at which level does the context exerts its influence (i.e. whether it affects their decision or the perceptual experience they have). Subproject 2 uses an object detection paradigm and focuses on the factors that influence whether or not adults spontaneously take into account available information when making their decisions.*

3-5 recent publications:

Bardi, L., Langford, Z. D., & Cristofori, I. (2023). Visual sensitivity to biological motion invariants in humans at birth. Comment on "Motor invariants in action execution and perception" by Francesco Torricelli et al. *Physics of Life Reviews*, 46, 122-124.

Beffara, B., Veyrie, M., Mauduit, L., Bardi, L., & Cristofori, I. (2025). No evidence for the efficiency of the eye-tracking-based Reading the Mind in the Eyes Test version at detecting differences of mind reading abilities across psychological traits. *Quarterly Journal of Experimental Psychology*, 0(0). <https://doi.org/10.1177/17470218251326569>

Beffara, B., Zareei, Z., Adouri, S., Afdjene, M., Machkour, M., & Cristofori, I. (2025, April 2). Overt attention to social signals during social exclusion: A pre-registered study. https://doi.org/10.31234/osf.io/a67yv_v1

Fogd, D., Sebanz, N., & Kovács, Á. M. (2024). Flexible social monitoring as revealed by eye movements: Spontaneous mental state updating triggered by others' unexpected actions. *Cognition*, 249, 105812.