

AXE NEUROSCIENCES

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Biased Reinforcement Learning in Humans: Insights for Computational Psychiatry (?)

I am a CNRS researcher and professor at the Paris School of Economics, working at the intersection of cognitive neuroscience, behavioral economics, and computational modeling. My research focuses on the computational and biological underpinnings of economic behavior, i.e. how people make choices, form preferences, and develop beliefs. Operating within the field of cognitive and neuro-economics, I investigate why human behavior so often deviates from rationality, combining behavioral experiments, computational models (notably reinforcement learning), and functional neuroimaging to shed light on these questions. A recurring theme in my work is the study of motivated beliefs, i.e. how affect and motivation distort what we believe about the world and ourselves, and biased learning, i.e. how the way we integrate the outcomes of our choices into future decisions systematically differs from optimal models. Ultimately, my research seeks to uncover the cognitive and neural mechanisms behind apparently irrational behavior, and to better understand its broader consequences for individual decision-making and collective outcomes.

Vendredi 17 avril 2026
12h à 13h

A.02.9209AB, CHUM

Ou via Zoom :

<https://us06web.zoom.us/j/83594499480?pwd=mke8bLmdele4Qa5w1uhPbjOt3glFWB.1>

ID de réunion: 835 9449 9480

Code secret: 548419

Séminaire organisé par Eric Samarut

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