

Séminaire Spécial

Département de neurosciences
Université de Montreal

Vendredi 21 juin 2024 12h - 13h

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Titre: Movement, Motivation and Memory in Motor Cortex

Résumé: The motor cortex serves to control the body's movements. Yet embedded in its activity can be found a diverse range of signals that do not appear to be directly related to motor control. I will present evidence that motor cortex reflects signals of an animal's motivation to act, and of a recent bout of learning, two cognitive functions that might seem to have little to do with commanding limb movements. These findings have implications both for how we can make sense of the complex interplay of information present in the cerebral cortex, and also for the capabilities of the next generation of brain-computer interfaces.

En présentiel: Pavillon Paul-G.-Desmarais | 2960, chemin de la Tour, local 1120

Zoom: <https://umontreal.zoom.us/j/84519754095?pwd=hmSKWPK5ah1eQ4KTBTThIPyj5s8PMS4.1>