

Département
de neurosciences
Faculté de médecine

Université 
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Séminaires
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Anna Devor, Ph. D.

Professor in BME and Biology
Associate Director of the Neurophotonics Center
Boston University

The role of intrinsic neuromodulation in spontaneous cerebral hemodynamics

Vendredi 17 octobre 2025

12 h à 13 h

En présentiel

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

En ligne

<https://umontreal.zoom.us/j/81271307568?pwd=kTNeVDVaRHah4vb718KaNCJeGjpJ1X.1>

Biographie

Anna Devor is a Professor of Biomedical Engineering at Boston University (BU), an Associate Director of the BU Neurophotonics Center, a fellow of the American Institute for Medical and Biological Engineering (AIMBE) and the Editor-in-Chief of *Neurophotonics*, an SPIE journal. Prior to joining BU, Dr. Devor directed a research laboratory at University of California in San Diego. She is an author of >120 peer-reviewed publications. Devor is a sought-after teacher and participant of summer schools in neuroimaging around the world.

Intérêts de recherche

Her research program is focused on real time detection of brain activity across scales. Dr. Devor and her collaborators assemble a suite of microscopic neurophotonics technologies that, collectively, allow precise and quantitative probing of neuronal activity. Then, they combine multimodal measurements and system-level analysis/modeling to understand how microscopic activity patterns translate into noninvasive macroscopic observables. The overarching goal is to develop a single estimation framework for inference of neuronal network activity from human imaging data.

Entrée libre

La conférence sera présentée en anglais

Personne-ressource pour rencontrer la conférencière : [Ravi Rungta](mailto:ravi.rungta@umontreal.ca)
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