

Resource Summary Report

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Center for Theoretical Neuroscience; University of Waterloo

RRID:SCR_008747

Type: Tool

Proper Citation

Center for Theoretical Neuroscience; University of Waterloo (RRID:SCR_008747)

Resource Information

URL: <http://ctn.uwaterloo.ca/index.html>

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Description: The Centre for Theoretical Neuroscience (CTN) was recently established at the University of Waterloo. The Centre is a growing research initiative of the University. The Centre consists of several labs focused on various areas of theoretical neuroscience (aka computational neuroscience). At present, the Centre consists of faculty members from Applied Mathematics, Biology, Psychology, Engineering, Philosophy, Statistics, Computer Science, and their students. The Centre has established a unique Graduate Program in theoretical neuroscience and hosts a regular academic colloquium series. The Centre also hosts the annual public Waterloo Brain Day lectures. The Centre is currently expanding, running searches for additional core faculty. The distinguished faculty of the Centre include two Canada Research Chairs and a fellow of the Royal Society of Canada. In addition, the Centre has a number of student researchers, both graduate and undergraduate, and hosts postdocs and visiting researchers. The Centre also hosts a graduate program for students wishing to obtain an officially recognized specialization in theoretical neuroscience. Faculty at the Centre pursue work on purely theoretical questions regarding the foundational principles guiding the function of neural systems, as well as constructing detailed neurobiological models of specific brain areas.

Abbreviations: CTN Waterloo

Synonyms: Centre for Theoretical Neuroscience, CTN

Resource Type: organization portal, data or information resource, portal

Keywords: computational neuroscience

Resource Name: Center for Theoretical Neuroscience; University of Waterloo

Resource ID: SCR_008747

Alternate IDs: nlx_143878

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Record Last Update: 20260803T040530+0000

Ratings and Alerts

No rating or validation information has been found for Center for Theoretical Neuroscience; University of Waterloo.

No alerts have been found for Center for Theoretical Neuroscience; University of Waterloo.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.