

This one time, at brain camp...

Centre for Theoretical Neuroscience, U of Waterloo
June 2023

University of Waterloo



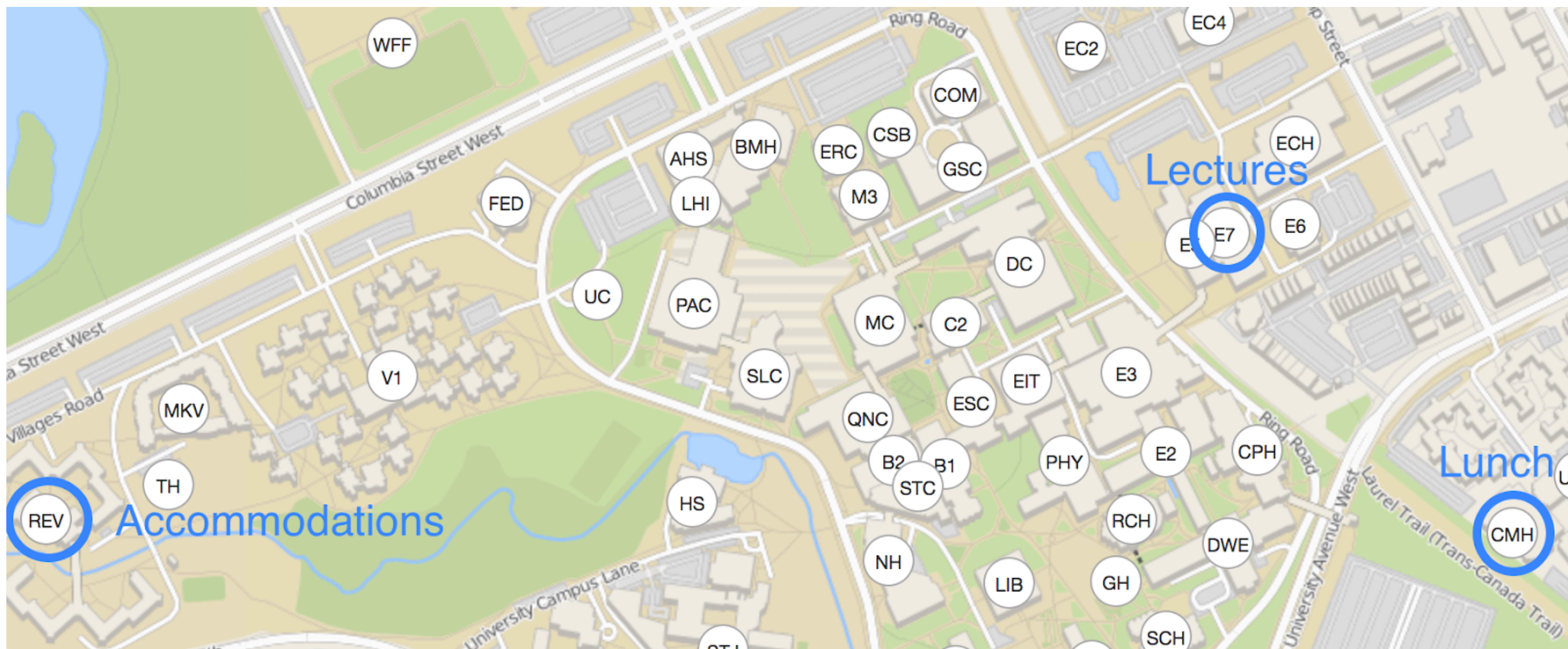
- 26,000 students; 4,000 grad students
- Highly ranked in the world in CS and engineering
- Largest math faculty in the world
- Top centre for theoretical neuroscience...



- <http://ctn.uwaterloo.ca>
- Established 2008
- 12 labs - 7 'core' faculty
- >50 grad students/post docs
- Brain Camp hosted by:



Nengo Summer School



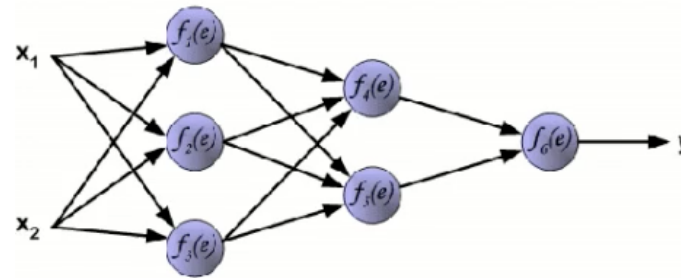
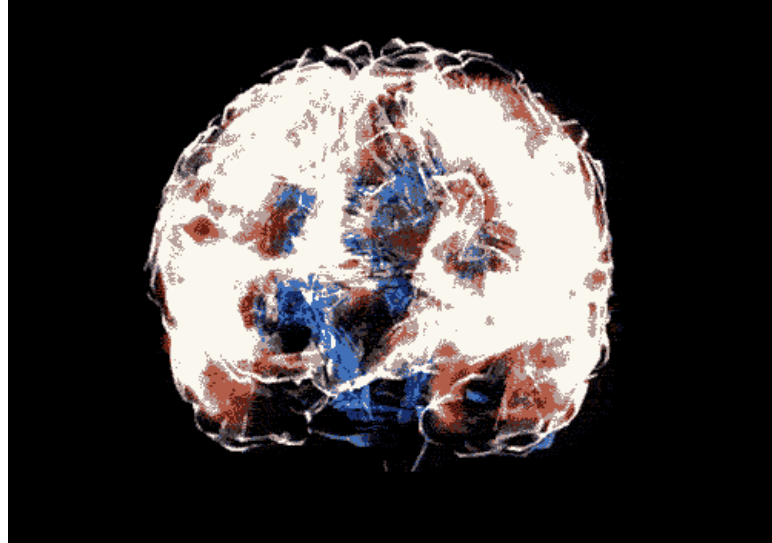
Introductions!

- Uber organizer - Michael Furlong
- Social convener - Peter Duggins
- Website guru - Kathryn Simone
- Photographer - Nicole Dumont
- Special guests - Serge Thill (Radboud U),
Ivana Kajić (Google DeepMind; 12th)
- Instructors - everyone else
- Michael... orient us!

Administration

- Website: <https://github.com/ctn-waterloo/summerschool2023>
 - Schedule, projects, slides
 - Please post your profile info
- Slack: <http://nengosummerschool2023.slack.com>
 - Announcements, coordination, activities
- Public open house: Fri 16th 400-600p
- Final dinner: Fed Hall - Fri 16th 6p

Purpose



‘Rules’

1. There is no rule number one
2. Very informal... very flexible
3. No such thing as a dumb question... use the instructors! (to speed up or slow down)
4. All about the projects
5. Try new things ...
6. Brain modeling is about the coolest, sexiest, most challenging thing you can do.

Today

930a Things you can do with Nengo

11a Install Nengo, Build a model, lunch

130p NEF Principle I

400p NEF Principle II, dinner

700p Projects!!! (present ideas!)

Thanks to our sponsors



Applied Brain
Research

