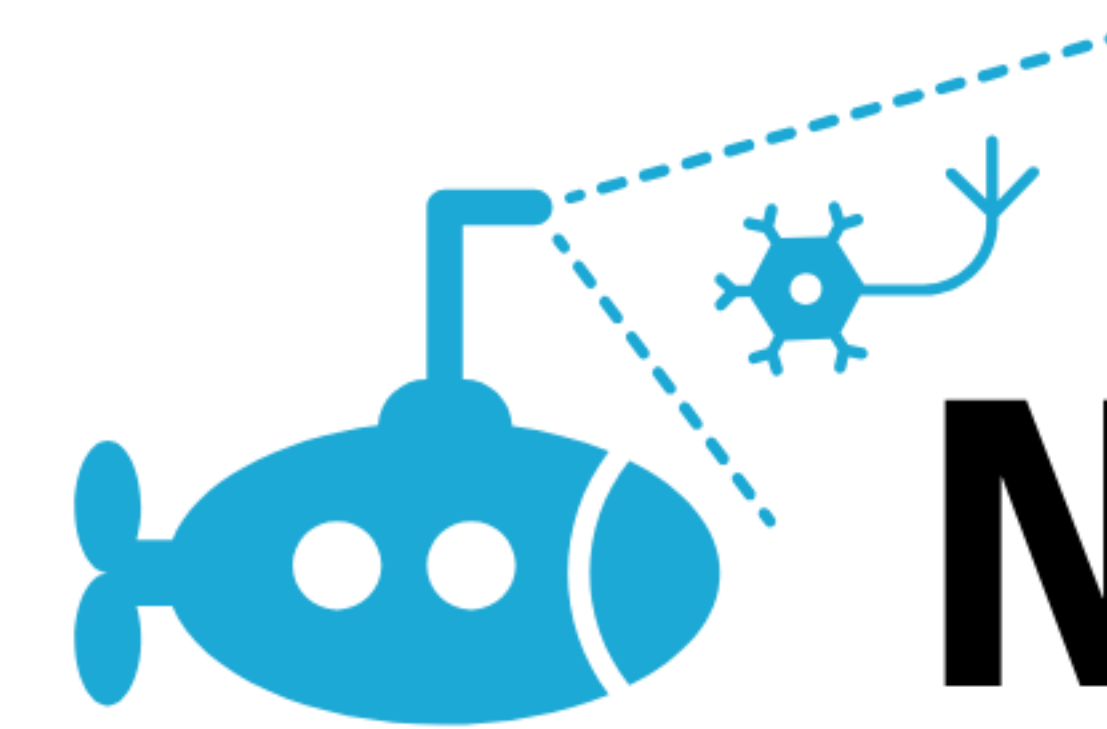


Flatiron CCN Software workshop



Pynapple



NeMoS

Everyone on the slack?

Everyone installed and ready to go?

```
cd path/to/ccn-software-jan-2025
git pull
conda activate ccn-jan25 # or however you activate your python environment
python scripts/setup.py
python scripts/check_setup.py
```


Workshop staff

Admin / Events Team



Tori Hall



Alicja Jankowska

Speakers



Edoardo Balzani



Billy Broderick



Oliver Rübél



Sarah Jo Venditto



Guillaume Viejo

TAs



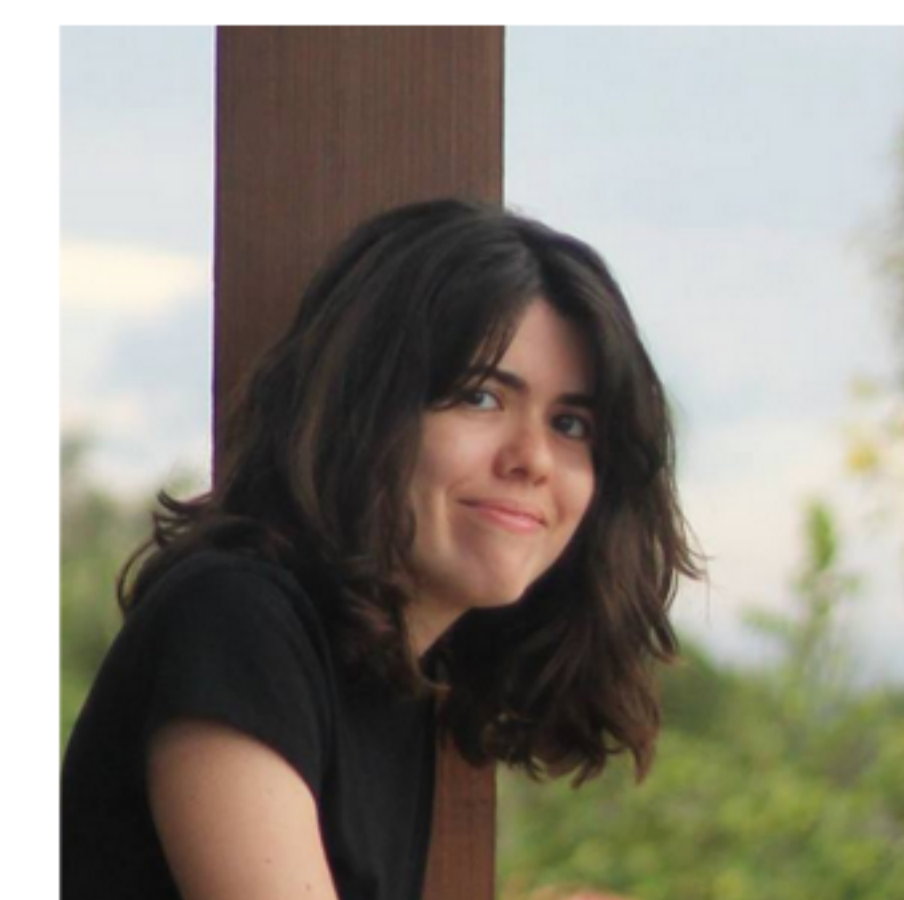
Elisa Chinigò



Isabel Garon



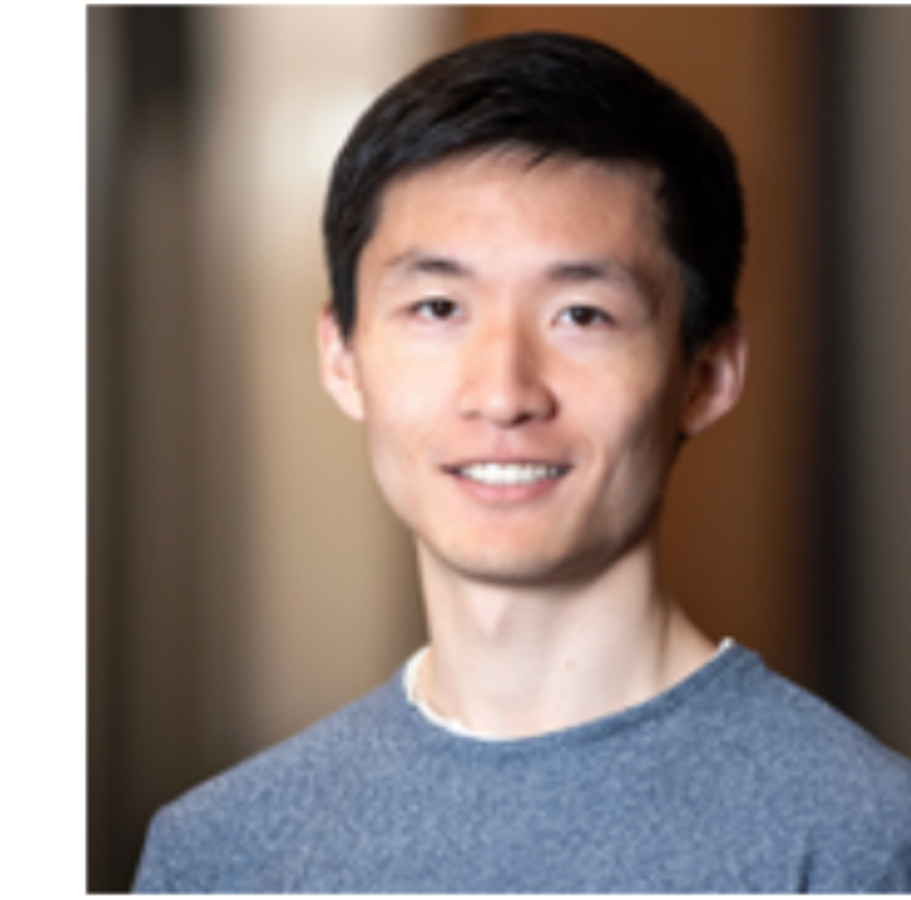
Kushal Kolar



Camille Rullán Buxó



Aramis Tanelus



Sam Zheng

Introduce yourselves!

Name, Lab, What you work on

One non-science fact about yourself

Day 1: pynapple

Time	Event
9 - 10am	Breakfast
10 - 11am	Welcome and introduction to data standards
11 - 11:30am	Coffee break
11:30am - 1pm	Pynapple core
1 - 2pm	Lunch
2 - 3:30pm	Standard analyses in systems neuroscience, part 1: cross-correlations and tuning curves
3:30 - 4pm	Photo and coffee break
4 - 5:45pm	Standard analyses in systems neuroscience, part 2: signal processing
5:45 - 6pm	fastplotlib advertisement

Day 2: nemos

Time	Event
9 - 10am	Breakfast
10 - 11am	Introduction to Generalized Linear Models (GLMs)
11 - 11:30am	Coffee break
11:30am - 1pm	Fitting a basic GLM to single neuron patch-clamp recordings
1 - 2pm	Lunch
2 - 4pm	Functional connectivity analysis of head-direction neurons
4 - 4:30pm	Coffee break
4:30 - 6pm	Model comparison and cross-validation
6 - 8pm	Concluding reception

one link to rule them all

<https://neurorse.flatironinstitute.org/workshops/feb-2025/>