



Hello!

We are happy to announce the third edition of our Transatlantic Behavioral Neuroscience Summer School course organized jointly by **Nencki Open Lab**, the **University of Buenos Aires**, and **NeuroElectronics Research Flanders**. The school will take place in Wojciechy, on 9-20th of September 2024.

The school's goal remains the same since its conception: to give you knowledge, skills, and courage to address your research questions and free you from constraints.

And there are multiple constraints in behavioral neuroscience. The equipment used in behavioral setups can be prohibitively expensive; it may have a limited set of functionalities and may be impossible to fix if broken. But there is an alternative: thanks to the rapid development of open-source tools we can build our own devices, fine-tune them, and modify them when needed. Open software also allows us to analyze our data at a level of detail previously impossible to achieve.

With those tools in hand, you can put your wildest ideas to the test – and nothing is going to stop you.

During our school you will learn **how to deliver stimuli or modify the environment** in which the animal is embedded with **Arduino-based devices** and **Bonsai** code; you will design and **3D-print** cases and holders for your instruments. And then you will apply cutting-edge tools: **Deeplabcut**, **keypoint-MoSeq**, and **CEBRA** – to extract as much information as possible from your data.

But that's not everything. At TBNSS you will listen to **fascinating lectures** and interact with speakers, who explored bold ideas and made their unique career paths. You will look at what behavior is through many lenses. Most importantly though, **you will meet people with similar interests and goals**. And you may become a **part of our global Open Lab community**, and help us to spread the knowledge further!

Our confirmed guests are:

- Florencia Iacaruso (The Francis Crick Institute, UK)
- Mercedes Bengochea (ICM Institute, France)
- Tom Ryan (UCL, UK)
- Susana Lima (Champalimaud Centre for the Unknown, Portugal)
- Isabel Beets (KU Leuven, Belgium)
- Basil El Jundi (NTNU, Norway)

PhD students and early-stage researchers are especially encouraged to apply. The fee is EUR 900 (accommodation and food included), however, we provide partial or full travel grants and fee waivers for participants who cannot cover the costs. You can find the application form [here](#). The deadline for application is **February 15 th 2024**. We will let you know about the results of your application before March 15th. If you have any questions, contact us at openlab@nencki.edu.pl. Please find the application form and more info here - <https://nenckiopenlab.org/tbnss2024/>. Please help us spread the news!