

Newsletter

NEUROMOD INSTITUTE



12 December 2024



WE WISH YOU HAPPY HOLIDAYS

Here's what has happened in the last months and what's to come!

The end of the year is the perfect time for retrospectives and resolutions... What better way to launch our new NeuroMod Institute newsletter!

We are eager to reconnect with our community and share the latest updates from the institute through this fresh format, which we hope you'll enjoy. **You can find our newsletters quarterly on our website.**

This issue revisits the major changes of 2024 and highlights a few particularly noteworthy events, such as our graduation ceremony that brought together three cohorts of our master's programs.

Lastly, 2025 is already shaping up to be full of exciting projects, which we will briefly introduce in this edition.

The NeuroMod Institute wishes you a pleasant read and, above all, a wonderful holiday season!

Newlsetter topics

Elections and new members

Calls for Projects

Coming Event

PEPR Interview and Insights Magazine

Graduation Ceremony

2025 Outlooks



Elections & New Members

In 2021, the institute's first leadership duo was elected for a four-year term. However, changes this year necessitated early elections following the successive resignations of the deputy director in November 2023 and the director in February 2024.

After serving as interim director, **Théodore Papadopoulos** (Senior Researcher, Inria) ran for the position of director alongside **Ingrid Bethus** (Professor, UniCA) as deputy director. The duo was elected in July of this year (pictures above).

The organization of the elections required the update of our membership list which gained 22 new members!

The other components and laboratories of the University who are thematically involved in NeuroMod named their representatives from this list, in order to sit in our Scientific Council.

Check our website to learn more about the new Scientific Council and the current members list.



Calls for projects

Our rolling call for projects financed the following in 2024:

- 3 internships.
- Organization of 3 major conferences in the local area (MOMI, SNE, FSC).
- 2 experimental projects at the University Hospital.
- Participation to conferences for 4 different Master and PhD students.
- Several work-trips for consortium and project building.

Our call for major international projects also encountered a big success, with 4 projects currently under evaluation.



Event News

Join us for our upcoming Open Day Event aiming to spotlight our graduate programs, but also focusing on scientific presentations accessible to anyone interested in learning more about the Institute and its major research projects.

- Date: 08 March 2025
- Time: 1:30pm-5pm
- Location: LJAD, Valrose, Nice OR Online
- Register here: <https://forms.gle/pUSNhS31rscSkgAw5>

More information available at our website.

PEPR Interview



“ Le but de mon projet de thèse est d'utiliser les mathématiques pour pouvoir comprendre l'impact infinitésimal de la plasticité synaptique sur un réseau neuronal viable. »

GREGORIO REBECCHI
(DOCTORANT)

Gregorio Rebecchi, Ph.D. Student (M.Sc. ModNeuroCog Alumni)

This year, the **Mathematics in Interaction Research Program** (PEPR Maths-Vives) launched its first short-term call for proposals, offering funding for 36-month doctoral contracts. Two PhD positions within the program's scientific scope were opened in the fall of 2024: congratulations to one of the awardees, Gregorio Rebecchi, who just graduated from our M.Sc. program!

Gregorio Rebecchi's doctoral contract focuses on studying synaptic plasticity phenomena using minimally or non-invasive tools in neural networks.

Read his interview as well as those of his two supervisors, Patricia Reynaud-Bouret and Ingrid Bethus online at: <https://www.maths-vives.fr/2024/11/21/docteur-gregorio-rebecchi/>



Insights Magazine

The IdEx launched its own magazine, Insights, in September 2024.

The inaugural issue was published in November this year.

Don't miss the **upcoming edition, which will focus on computational neuroscience** and prominently feature topics and members from NeuroMod.



Graduation Ceremony

On September 13th, we proudly celebrated the graduation of three remarkable cohorts from the classes of 2023 and 2024, completing their master's degrees in *Cognitive Science* and the *M.Sc. in Modeling for Neuronal and Cognitive Systems*.

We extend our heartfelt congratulations to all our graduates and wish them success as they embark on the next chapter of their journeys. Of our 26 graduates from these cohorts, **15 have already obtained a PhD contract!**

A special thanks goes to our outstanding pedagogical and administrative teams, with particular gratitude to our dedicated program directors:

Ingrid Bethus, Patricia Reynaud-Bouret, Emilie Gerbier, and Damien Vistoli. Your commitment has been instrumental in shaping the success of our students.

2025 outlooks?

The evaluation phase of our call for major international projects will soon be over and we will announce the results in January.

The Institute plans more events like **thematical seminars**, one topic has already been identified about the research experiment construction to optimize data acquisition and processing.

The student association Cog d'Azur organizes its annual **Cognitive Science Forum in Nice on March 22, 2025**.

Finally, we hope to foster partnerships with universities in Brazil, Canada and Portugal.



See you in 2025!