

# GRENOBLE NEUROTECH SCHOOL 2024



## SAVE THE DATE

### April, 2<sup>nd</sup> to 5<sup>th</sup>, 2024

### Centre Langevin, AUSSOIS (France)

The training program is organized within the frame of the Grenoble-Neurotech initiative that aims to develop neurotechnologies allowing paralyzed people to compensate their disability, combining new implantable neural interfacing solutions with methods and tools for real-time processing of neural signals. This research is conducted in conjunction with a reflection on the ethical and societal implications of these developments.



#### For who ?

PhD students, Master's degree students, Researchers, Engineers

#### Why ?

An opportunity to enrich and develop your knowledge in multidisciplinary fields around neurotechnologies  
To exchange and share with others through workshops and outdoor activities



A chance to win the poster competition

## Program

*The program will run from Tuesday morning, April 2 to Friday afternoon, April 5, but it is preferable to arrive on Monday evening, April 1.*

- Neural prostheses and Brain Computer Interfaces (BCIs)
- Electrophysiology & electrochemistry
- Electrode material and implant fabrication
- Neural data analysis
- Neuromorphic brain interfacing
- Principles of neural decoding and real-time BCI
- BCI applications: motor, speech, psychiatry
- Ethical aspects of neurotechnologies
- Requirements for clinical trial and related regulatory aspects

**Guest  
Speakers**

Will be  
announced  
in January  
2024



[For registration click here](#)



**Grenoble-Neurotech**  
Université Grenoble Alpes

**UGA**  
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 **Inserm**