

# Neurotech<sup>EU</sup> Winter School on "Challenges and risks of neuroscience and neurotechnology in times of Artificial Intelligence"

**Dates:** 16-18 December 2024

**Target profile:** Students, researchers, and professionals of the NeurotechEU Alliance and associate partners.

The course is focused on analyzing the intersections between neuroscience and artificial intelligence from an ethical and legal perspective. To this end, prominent experts in bioethics, philosophy, law, and technology will examine topics such as the ethics of artificial intelligence (AI), neuro-rights, the legal and social implications of applied neuroscience, and the risks associated with integrating AI into neuroscience.

**Coordinator:** Fernando Miró Llinares (UMH)

## Program:

### Day 1 (16<sup>th</sup> of December):

*15h30 - 15h35: Winter School Welcome address*

*15h35 - 17h30: Artificial Intelligence, Philosophy, and Technology Ethics. Part 1 (Chaired by Pim Haselager, RU)*

*17h30 – 18h00: Coffee break, networking trainees-trainers*

*18h00 – 19h00: Artificial Intelligence, Philosophy, and Technology Ethics. Part 2 (Chaired by Pim Haselager, RU)*

### Day 2 (17<sup>th</sup> December):

*9h00 – 13h00: Hands-on group activity "Simulated Ethics and Legal Review Committee for a Neuroscience Research Proposal"*

*13h00-14h30: Healthy lunch break*

### (from here, combined program for NeurotechEU winter school and the NeurotechEU 2024 Summit)

*15h00 - 15h05: NeurotechEU Summit Welcome address*

*15h05 - 17h00: Bioethics and Law. Part 1*

*17h00 – 17h30: Coffee break, networking trainee-trainers*

*17h30 – 18h30: Bioethics and Law. Part 2*

Challenges and risks of  
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16th to 17th  
Dec 2024





*19h30: Buses to dinner*

**Day 3 (18<sup>th</sup> December):**

*09h30 - 11h30: Neuroscience, Bioethics, and Law. Part 1*

*11h30 – 12h00: Coffee break, networking trainees-trainers*

*12h00 - 13h00: Neuroscience, Bioethics, and Law. Part 2*

*13h00 – 15h00: Lunch break*

*15h00 - 18h00: NeurotechEU dimension 8: Neurometaphysics and beyond*

*19h30: Farewell cocktail*

## Neurotech<sup>EU</sup> Summit 2024 on "The many aspects of NeurotechEU dimension 8"

Summit 2024:  
"The many aspects of  
NeurotechEU dimension 8"  
17th to 18th Dec 2024

**Dates: 17-18 December 2024**

### **Day 1 (17<sup>th</sup> December):**

*15h00 - 15h05: NeurotechEU Summit Welcome address*

*15h05 - 17h00: Bioethics and Law. Part 1*

*17h00 – 17h30: Coffee break, networking trainee-trainers*

*17h30 – 18h30: Bioethics and Law. Part 2*

*19h30: Buses to dinner*

### **Day 2 (18<sup>th</sup> December):**

*09h30 - 11h30: Neuroscience, Bioethics, and Law. Part 1*

*11h30 – 12h00: Coffee break, networking trainees-trainers*

*12h00 - 13h00: Neuroscience, Bioethics, and Law. Part 2*

*13h00 – 15h00: Lunch break*

*15h00 - 18h00: NeurotechEU dimension 8: Neurometaphysics and beyond*

*19h30: Farewell cocktail*

