

# NeurAstra Educational Programme

## 2025/2026

### RESEARCH AREAS

We are looking for diverse profiles aligned with the following initiatives (a.k.a., SYSTEMS):

(Discover all the SYSTEMS here: <https://neurastra.eu/systems-structure>)

- **S01 — Blue Dot/White Tangerine**  
Focus: Medicine/physiology, psychology, human space exploration  
<https://neurastra.eu/bdwt>
- **S02 — Altanube Pando**  
Focus: Cartography, geography, history  
<https://neurastra.eu/altanube-pando>
- **S03 — Specteore**  
Focus: Habitats, expedition logistics, environments, and analogue centres  
<https://neurastra.eu/specteore>
- **S04 — Poutchka Patrol**  
Focus: Natural environments, polar regions, flora and fauna  
<https://neurastra.eu/poutchka-patrol>
- **S06 — Nimbus.Archives**  
Focus: Studies of classification systems, taxonomies  
<https://neurastra.eu/nimbus-archives>

### RESEARCH TOPICS

Here are some examples of research topics that can be explored during the programme:

- **S01 — Blue Dot/White Tangerine**
  - > *Adaptation, resilience, and performance in remote work in Isolated, Confined, and Extreme (ICE) environments.*
  - > *The psychosocial effects of ICE environments, including space analogues and human space exploration.*
- **S02 — Altanube Pando**
  - > *Mapping historical exploration routes and their modern-day significance.*
  - > *Investigating the role of cartography in shaping cultural and societal development.*
- **S03 — Specteore**
  - > *Designing habitats for extreme environments, such as polar regions or analogue Mars simulations.*
  - > *Exploring the logistics of long-term expeditions and their impact on resource sustainability.*
  - > *Assessing the interplay between environmental constraints and human adaptability in analogue missions.*
- **S04 — Poutchka Patrol**
  - > *Studying biodiversity and ecosystem dynamics in polar environments.*
  - > *Analysing conservation strategies for fragile ecosystems in extreme regions.*
- **S06 — Nimbus.Archives**
  - > *Developing and refining classification systems for natural and astronomical phenomena.*
  - > *Creating taxonomies for data organisation in expedition and exploration archives.*
  - > *Exploring the use of AI in managing and curating large-scale collections of scientific data.*