

EXAMPLES OF RESEARCH PROJECTS

- Mechanical Coupling and Neuronal Integration across Whiskers in the Rat's Trigeminal Ganglion
- The Use of a Virtual Reality System for Studying and Training Manual Dexterity in Post Stroke patients
- Real-Time Implementation of Cognitive Brain-Computer Interfaces using NeuroRT
- Measure of cerebral blood volume responses after visual stimulation using functional ultrasound imaging: a study of normal and prosthetic vision
- Role of the sAPP-alpha peptide in the age-related affections of memory's cellular mechanisms
- Adaptive comportment of balance control to proprioceptive stimulation in healthy subjects

CAREER PROSPECTS

Careers in industry: neuroprostheses, machine learning, human-machine interfaces, videogames, defense, sports

Positions: R&D, consultancy, data scientist, project management. Many startups.

PhD in Molecular, Cellular, Clinical or Systems Neurosciences (CIFRE opportunities)

Careers in academia