Ph.D course in Neurobiology

Head of the Ph.D course: Prof. Paul Heppenstall
Web site: Neurobiology

Research lines:
• Peripheral Nervous System
• Pain, touch and itch
• Synaptic Neurophysiology and Neuronal Networks
• Cell excitability and cortical information processing
• Optogenetic and electrophysiological approaches to Neuronal Networks
• Computational Neuroscience and Modelling
• Neurotoxicity and calcium signaling
• New Materials and Neurons
• Neurophysiology of Motor control
• Spinal networks patho-physiology and locomotion
• Respiratory physiology
• Neurophysiology and neuropharmacology of spinal motoneurons
• Visual systems and feature detection
• Simultaneous acquisition of neural activity and behavior
• Innate behaviors and their underlying circuits
• Functional imaging approaches to neural circuits
• Neuroecology

Fellowships available: 4

Admission: Academic and scientific qualifications + oral exam (remotely/presence)

Beginning of the Courses: 4 November, 2024

| Evaluation of academic and scientific qualifications: 10 points |
| Access to Written Exam: minimum mark of 7/10 on academic and scientific qualifications |
| Evaluation of Written Exam: 40 points |
| Access to Oral Exam: minimum mark of 28/40 on written exam |
| Evaluation of Oral Exam: 50 points |

To be considered eligible, candidates must pass all the phases (academic qualifications, written test, and interview) with a minimum mark of 7/10 or equivalent

First Session

Deadline for online submission of applications: 12th April, 2024
Written Exam: 14th May, 2024
Oral Exam: 15th May, 2024

Second Session (only if there should still be places available after the first one)

Deadline for online submission of applications: 20th August, 2024
Written Exam: 25th September, 2024
Oral Exam: 26th September, 2024

Admission to the oral exam and results of all evaluations will be notified by email.