GAZE-CONTINGENT VISUAL DISPLAYS: MEASURING SACCADE TIMING AND ADAPTATION

Degree: Grau en Enginyeria en Tecnologies Industrials (GETI)

Vacancies: 1

Contact: Dr. Michael Bruyns-Haylett, michael.bruyns@iqs.url.edu

Summary: You will explore when visual information influences eye movements without us consciously noticing it, and whether the boundary between automatic processing and conscious awareness changes with brain state. This could help us understand whether automatic visual processing offers a useful window into cognitive health. You should be comfortable using LLMs in a coding environment, or willing to learn, as you will create the stimuli, run experiments and analyse the results. An interest in programming, experimental design and data analysis is important.