

NNR 2025 - WORKSHOPS

Workshop 9: Advances in neuropsychology: Innovations in cognitive assessment and intervention

Organizer: Mahyar Firouzi (<u>Mahyar.Firouzi@vub.be</u>) Rehabilitation Research group, Department of Physiotherapy, Human Physiology and Anatomy, Vrije Universiteit Brussel, 1090 Jette, Belgium

Content: The workshop will delve into recent advancements in neuropsychology. Key topics include the exploration of non-invasive brain stimulation techniques aimed at enhancing motor learning in Parkinson's disease, preventative cognitive interventions designed to delay or reduce impairment in conditions like Alzheimer's and multiple sclerosis (MS), and the potential of smartphone-based tools for remote cognitive screening in MS patients. The workshop will teach you the benefits, limitations, and future directions of these methods, with a focus on challenges such as patient motivation, identifying modifiable risk factors, and addressing ethical considerations involved in implementing these interventions.