

NNR 2025 - WORKSHOPS

Workshop 1: The use of technologies for assisting daily life performance

Organizer: Eva Swinnen PhD (<u>Eva.Swinnen@vub.be</u>) Rehabilitation Research Group, Faculty of Physical Education and Physiotherapy, Vrije Universiteit Brussel, Brussel, Belgium

Content: This workshop explores innovative technologies that assist daily life performance, focusing on their applications in rehabilitation and daily activities for individuals with physical impairments. Topics include the role of exoskeletons in supporting rehabilitation, enhancing mobility, and augmentation of functions; the impact of soft exosuits on gait performance in people with incomplete spinal cord injuries; and the use of home-based telerehabilitation programs through digital tools like computers, tablets, and phones. By the end of the workshop, participants will have insights into how advanced technologies are transforming rehabilitation, offering new possibilities for functional augmentation and enabling effective remote care.