Poster session **P3**

Name of the poster guide (your name): Eling D. de Bruin

Topic of the guided poster tour: Plasticity of the locomotion-system and VR

Why should poster tourists follow your tour ? Effective measures for affecting plasticity are warranted for aging and diseased populations. We will reflect on innovative approaches of physical training, ideally with integrated cognitive tasks (motor-cognitive training), which may represent the predominant non-pharmacological intervention to mitigate decline in plasticity.

Selected posters:

1. Reactivity of the autonomic nervous system during visual-physical incongruent walking conditions- a virtual reality study, P03-B-05, Adi Lustig
2. Exploring gait automaticity and prefrontal brain activity during single and dual-task walking in aging and Parkinson’s disease P03-B-06 Alexander Kvist
3. Gait adaptation and modulation deficits in older adults with and without cognitive impairments P03-B-10 Trisha Kesar
4. Augmented reality induced gait and postural balance perturbations in fallers and non-fallers, a multisensory approach P03-C-14 Eugénie Lambrecht
5. 10 minutes in virtual reality is insufficient for gait adaptation to occur in young and older adults P03-C-21 Tarique Siragy