

Auditorium II	Room 0.2/0.3	Room 0.4	Room 0.5	Room 0.8	Room 0.9
<p>09.30 Welcome & Opening <i>G. Kwakkel</i></p> <p>10.00 Keynote lecture <i>Chair: G. Kwakkel</i> Changing approaches to rehabilitation of the upper limb after stroke <i>N. Ward</i></p>					
11.00-11.30 Coffee break & Exhibiton ExpoFoyer					
<p>11.30 Young Scientist Competition <i>Chair: J. Burridge</i></p> <p>11.30 Interventions for preventing falls in people after stroke <i>S. Denissen</i></p> <p>11.45 Position-cortical coherence as a marker for somatosensory integrity early post-stroke, a prospective cohort study <i>S. Zandvliet</i></p> <p>12.00 Predicting Fugl-Meyer scores from hand motion analysis <i>B. Rubio Ballester</i></p> <p>12.15 A systematic review on kinematic assessments of upper limb movements after stroke <i>A. Schwarz</i></p> <p>12.30 Is there a dose-response relationship of robotic-assisted therapy in motor rehabilitation of the upper extremity after stroke? <i>J. Stuermer</i></p> <p>12.45 Longitudinal recovery of manual dexterity after stroke: brain lesion location a key predictor of poor precision grip force control <i>G. Pennati</i></p>	<p>11.30 Focused Symposium <i>Chair: P. Lindberg</i></p> <p>11.30 Technology for measurement of manual dexterity impairments in stroke <i>Speakers: P. Lindberg, L. Dupin, A. Roby-Brami, J. Hermsdörfer</i></p>	<p>11.30 Focused Symposium <i>Chair: A. Leff</i></p> <p>11.30 Clinical effectiveness of Digital Neuro-Interventions for patients with stroke or dementia and language impairments: behaviour and brain factors explored and exploited <i>Speakers: Z. Woodhead, V. Fleming, C. Doogan, J. Crinion</i></p>	<p>11.30 Invited Lecture and oral abstract presentations <i>Chair: P. Feys</i></p> <p>11.30 Exercise and multiple sclerosis - recent advances <i>U. Dalgas</i></p> <p>12.00 The attitudes of people with progressive MS to the use of mobile applications for symptom monitoring and sharing information with healthcare professionals <i>C. Holland</i></p> <p>12.15 Test-retest reliability of cognitive-motor interference assessments in walking with various task complexity in persons with Multiple Sclerosis <i>R. Veldkamp</i></p> <p>12.30 Perceptions of exercise - what moves people with multiple sclerosis to exercise? <i>M. Hensman</i></p> <p>12.45 Boost - a self-management programme for people with multiple sclerosis <i>H. Gaskell</i></p>	<p>11.30 Invited Lecture and oral abstract presentations <i>Chair: K. Oostra</i></p> <p>11.30 Mirror therapy in neurorehabilitation <i>C. Dohle</i></p> <p>12.00 Longitudinal changes in upper extremity kinematics during the first year post stroke <i>Alt Murphy</i></p> <p>12.15 Extending the proportional recovery rule for the upper paretic limb after stroke <i>R. Vliet</i></p> <p>12.30 Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke <i>L. Boccuni</i></p> <p>12.45 Individuals with chronic hemiparetic stroke can accurately identify elbow flexion torques within each arm <i>N. Cai</i></p>	
13.00-14.00 Lunch & Exhibition ExpoFoyer 14.00 Poster Visit ExpoFoyer					<p>13.00-14.00 Lunch symposium <i>Chair: A. Geurts</i> Neurorehabilitation and physical management in the context of spasticity <i>Speakers: S. Ashford, A. Geurts</i></p>
<p>14.30 Best Poster Competition <i>Chair: J. Mehrholz</i></p> <p>14.30 Effectiveness of botulinum toxin treatment for upper limb spasticity after stroke over different ICF domains: a systematic review and meta-analysis <i>A. Andringa</i></p> <p>14.40 Evoked brain responses to robotic wrist manipulations reflect the severity of sensory impairments in patients with stroke <i>J. Kordelaar</i></p> <p>14.50 Effect of trunk training on body function and activity post stroke: a systematic review and meta-analysis <i>L. Thijs</i></p> <p>15.00 Home-based Constraint-Induced Movement Therapy in chronic stroke patients: a pilot TMS study <i>S. Borsato</i></p> <p>15.10 Minor stroke, serious balance problems? <i>J. Roelofs</i></p> <p>15.20 Running-induced visuospatial memory improvement in MS: a stronger functional embedding of the hippocampus in the default-mode network? <i>M. Huiskamp</i></p> <p>15.30 How does upper extremity Fugl-Meyer motor score relate to resting-state EEG in chronic stroke? A power spectral density analysis <i>M. Saes</i></p> <p>15.40 Relationship between a 10m & 6min walk test ratio and age in stroke patients <i>P. Philipp</i></p> <p>15.50 Cortical activation during submaximal contractions of a hand muscle after mild traumatic brain injury <i>R. Prak</i></p>	<p>14.30 Focused Symposium <i>Chairs: J. Dewald & N. Gurari</i></p> <p>14.30 Sensorimotor Impairments Post Unilateral Brain Injury <i>Speakers: J. Dewald, R. Sainburg, F. van der Helm</i></p>	<p>14.30 Focused Symposium <i>Chair: D. Piscitelli</i></p> <p>14.30 Making training better: Incorporating fundamental motor control and learning principles into rehabilitation interventions <i>Speakers: M. Levin, D. Piscitelli, A. Turolla</i></p>	<p>14.30 Focused Symposium <i>Chairs: P. Feys & U. Dalgas</i></p> <p>14.30 Trending topics in MS rehabilitation <i>Speakers: L. Hvid, L. Moumdjian, F. Van Geel, J. Raats</i></p>	<p>14.30 Invited Lecture and oral abstract presentations <i>Chair: J. Liepert</i></p> <p>14.30 Towards patient-tailored treatment strategies to enhance stroke recovery <i>F. Hummel</i></p> <p>15.00 Neurofeedback for central neuropathic pain treatment: mental strategies used for successful neuromodulation <i>K. Anil</i></p> <p>15.15 The role of cerebellar transcranial direct current stimulation on balance and mobility in multiple sclerosis patients: a pilot study <i>A. Baroni</i></p> <p>15.30 Cathodal direct current stimulation over contralesional m1 may be detrimental to leg motor control in more severely impaired chronic stroke patients <i>W. Staring</i></p> <p>15.45 Interhemispheric functional connectivity <i>P. Lindberg</i></p>	<p>14.30 Invited lecture and oral abstract presentations <i>Chair: A. Leff</i></p> <p>14.30 Mechanisms of post-stroke fatigue <i>A. Kuppuswamy</i></p> <p>15.00 The influence of psychological factors and mood on the course of participation up to four years after stroke <i>J. de Graaf</i></p> <p>15.15 Prospectively classifying community walkers after stroke: who are they? <i>M. Mulder</i></p> <p>15.30 Caregiver mediated exercises with e-health support for early supported discharge after stroke: conclusions of the care4stroke trial <i>J. Vloothuis</i></p> <p>15.45 Aneurysmal Subarachnoid Hemorrhage: Long-term functional results <i>V. Dávalos Yerovi</i></p>
16.00-16.30 Coffee break & Exhibition ExpoFoyer					
<p>16.30 Keynote lecture <i>Chair: J. Mehrholz</i> When and how much rehabilitation are optimal? Interrelated questions with interrelated brain mechanisms <i>Speaker: T. Jones</i></p>					
17.30-19.00 Welcome reception ExpoFoyer					
		<p>19.00 ACPIN Annual General Meeting</p>			

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<p>08.30 Keynote lecture Chair: E. van Wegen The exercise prescription for Parkinson's disease D. Corcos</p>				<p>07.30-08.30 BSNR Annual general meeting</p>	<p>07.30-08.30 DSNR Annual general meeting</p>
<p>09.30-10.00 Coffee break & Exhibiton ExpoFoyer</p>					
<p>10.00 Focused Symposium Chairs: L. Connell & E. Lynch 10.00 Is it any wonder no one ever implements evidence- based practice? Speakers: T. Lannin, P. Logan, N. Ward</p>	<p>10.00 Focused Symposium Chair: L. Tedesco Triccas 10.00 Neurophysiological correlates of upper limb sensorimotor function and recovery in stroke measured by electroencephalography and magnetoencephalography Speakers: K. Laaksonen, L. Tedesco Triccas, M. Saes, A. Guggisberg</p>	<p>10.00 Focused Symposium Chair: F. Steenbrink 10.00 IISART: Optimizing the use of technology in upper limb and gait rehabilitation Speakers: A. Esquenazi, I. Jakob, F. Steenbrink</p>	<p>10.00 Invited lecture and oral abstract presentation Chair: M. Levin 10.00 Evidence for an increased dependence on contralateral corticoreticulospinal pathways: maladaptive plasticity following a unilateral brain injury? J. Dewald 10.30 Validity and reliability of a new method for detection of spasticity in the lower limb G. Pennati 10.45 Functional effects of treatment with botulinum toxin and subsequent stretching of the hip adductors in patients with hereditary spastic paraplegia B. Lith 11.00 Abobotulinumtoxina injections in shoulder muscles: results from a real world (ulis-ii) and phase iii study T. Lejeune 11.15 Goal setting for botulinum toxin injections: impact of the upper limb international spasticity (ulis) programme S. Ashford</p>	<p>10.00 Invited Lecture and oral abstract presentations Chair: P. Lindberg 10.00 Theta burst stimulation effects on spatial neglect and functional outcome after stroke S. Nyffeler 10.30 Fast but enduring improvement in the covert shift of attention task in visuospatial neglect H. Hildebrandt 10.45 Adaptive cueing treatment of neglect in stroke patients leads to improvements in activities of daily living: a randomized controlled, crossover trial N. Turgut 11.00 Neuronavigated Theta Burst Stimulation (TBS) in Chronic post-Stroke Aphasia A. Georgiou 11.15 Transcranial direct current stimulation (tdcs) for improving aphasia after stroke: a network meta-analysis of randomised controlled trials B. Elsner</p>	
<p>11.30-12.30 Lunch & Exhibition ExpoFoyer 12.30 Poster Visit ExpoFoyer</p>					<p>11.30 Lunch symposium Speaker: V. Hömberg</p>
<p>13.00 Focused Symposium Chair: A. Nieuwboer 13.00 Motor and Non-motor symptoms of Parkinson's Disease: avenues for rehabilitation Speakers: J. Nonnekes, A. Nieuwboer, N. de Vries-Farrouh</p>	<p>13.00 Focused Symposium Chair: D. Kos 13.00 Managing daily life: evidence and implications for practice in neurorehabilitation Speakers: D. Kos, T. Satink, A. Van Gils</p>	<p>13.00 Focused Symposium Chair: J. Groothuis 13.00 Brain computer interface (BCI) in Neurorehabilitation Speakers: J. Farquhar, J. Raaphorst, N. Keijsers</p>	<p>13.00 Focused Symposium Chair: S. Braun 13.00 Motor learning in people after stroke: different perspectives on research and clinical practice Speakers: M. Kleynen, L. Johnson, E. Kal, J. Franck</p>	<p>13.00 Invited Lecture and oral abstract presentations Chair: F. Hummel 13.00 rTMS as a therapeutic tool in stroke- what is the evidence? J. Liepert 13.30 Classification of cortical theta activity elicited by balance perturbations provides preliminary evidence of distinct cortical representation of mediolateral balance capacity in hemiparetic chronic stroke T. Solis-Escalante 13.45 Motor impairment in post-stroke individuals may be related to a reduced ability of the corticospinal system to shift stretch-reflex thresholds D. Piscitelli 14.00 Does Transcranial Magnetic Stimulation have an added value to clinical assessment in predicting upper limb function very early after severe stroke? M. Hoonhorst 14.15 Acute diffusivity biomarker for prediction of language outcome in mild-to-severe stroke patients C. Rosso</p>	<p>13.00 Invited Lecture and oral abstract presentations Chair: G. Mead 13.00 Physical activity after stroke: evidence and implications F. van Wijck 13.30 Determinants of activity participation and life satisfaction one year after ischemic stroke: contributions of early executive function and psychosocial characteristics D. Edwards 13.45 The mini-bestest as clinical test for balance problems after minor stroke; an item-wise comparison A. Huisinga 14.00 Effectiveness of an innovative upper limb programme for stroke survivors: a mixed-Methods investigation of quality-of-life outcomes A. Strawson 14.15 Shaping therapy: what influences the content and time for therapy of the upper limb after stroke? a survey of uk therapists R. Stockley</p>
<p>14.30-15.00 Coffee break & Exhibition ExpoFoyer</p>					
<p>15.00 Keynote lecture Chair: G. Verheyden Treatment of post-stroke fatigue- new horizons G. Mead, 16.00 Awards & Closing Chair: G. Verheyden Luc van Calster award Young Scientist and Best Poster awards Winner Young Scientist Competition Winner Best Poster Competition 17.00 Closing</p>					