

# First International Motor Impairment Conference 2018

## Provisional Program



<b>POSTER PRESENTATIONS</b> <b>MONDAY 26 NOVEMBER 1:30PM – 3.00PM</b>	
<b>1.</b>	<b>ITOPA AJAYI</b> (confirmed) Hippocampal modulation of respiratory motor output
<b>2.</b>	<b>VIDA ALIZAD</b> (confirmed) Timed Up and Go task after applying anodal-transcranial Direct Current Stimulation (tDCS) in people with Parkinson's disease? Preliminary results
<b>3.</b>	<b>STEPHEN BESTED</b> (confirmed) The influence of robotic guidance with variability of practice on the learning of a golf putting task
<b>4.</b>	<b>CLAIRE BOSWELL-RUYS</b> (confirmed) Respiratory muscle reflex control and dysphagia in incomplete tetraplegia
<b>5.</b>	<b>ANNIE BUTLER</b> (confirmed) The effect of active or passive grasp at different intensities on how we perceive our hands
<b>6.</b>	<b>EDEN DELAHUNTY</b> (confirmed) Cold-water immersion of a single limb increases motor cortex excitability for the opposite limb
<b>7.</b>	<b>JOANNA DIONG</b> (confirmed) Involuntary hamstring muscle activity reduces passive hip range of motion during the straight leg raise test
<b>8.</b>	<b>SIOBHAN DONGÉS</b> (confirmed) Paired corticospinal-motoneuronal stimulation does not improve maximal voluntary elbow flexion in people with incomplete cervical spinal cord injury
<b>9.</b>	<b>ARKIEV D'SOUZA</b> (confirmed) Measurement of intramuscular fat in the medial gastrocnemius of stroke patients
<b>10.</b>	<b>JUNYA EGUCHI</b> (confirmed) The topography of hypertrophy: how muscle architecture changes with strength training
<b>11.</b>	<b>ELEFThERIA GIANNOULI</b> (confirmed) Guidelines for the design of stepping interventions for falls prevention
<b>12.</b>	<b>ASHLEE HENDY</b> (confirmed) Investigating the effects of muscle contraction and conditioning stimulus-intensity on short-interval intracortical inhibition
<b>13.</b>	<b>MARTIN HÉROUX</b> (confirmed) Poor statistical reporting, inadequate data presentation and spin persist despite editorial advice
<b>14.</b>	<b>PHU HOANG</b> (confirmed) Safety and Feasibility of an Eccentric Exercise Intervention in People with Multiple Sclerosis with ankle contractures - A Case Series of five subjects
<b>15.</b>	<b>LEWIS INGRAM – draft</b> (confirmed) The upper limb physiological profile assessment (PPA): description and reliability

16.	<b>GARETH JONES</b> (confirmed) Estimates of gait initiation-onset in both stroke and healthy individuals during the sit-to-walk task
17.	<b>RACHEL KENNEDY</b> (confirmed) Can retrospective report of falls provide an accurate snapshot of falling compared to prospective reporting in children and adolescents with Charcot-Marie-Tooth disease?
18.	<b>THOMAS KNELLWOLF</b> (confirmed) Changes in centre of pressure are encoded by muscle spindles supplying intrinsic muscle of the foot in freely standing humans
19.	<b>CHRISTOPHER LATELLA</b> (confirmed) Group III/IV muscle afferent feedback does not modulate intracortical excitability and inhibition following fatiguing exercise.
20.	<b>MEG LETTON</b> The validity of inertial measurement units (IMU) in three-dimensional lower-body human gait analysis
21.	<b>VAUGHAN MACEFIELD</b> (confirmed) Disturbed proprioception at the knee but not the elbow in hereditary sensory & autonomic neuropathy type III
22.	<b>EUAN MCCAUGHEY</b> (confirmed) Optimal electrode position for Abdominal Functional Electrical Stimulation
23.	<b>DANIEL MCKEOWN</b> (confirmed) Severe acute hypoxia reduces motor unit firing rate during isometric contractions
24.	<b>JASMINE MENANT</b> (confirmed) Balance in dizzy middle-aged and older people reporting unsteadiness: is it all in the head?
25.	<b>YOSHIRO OKUBO</b> (confirmed) Motor learning processes in responding to increasingly unpredictable trips and slips in older adults
26.	<b>AMAL OSMAN</b> (confirmed) The upper airway is most collapsible during expiration in obstructive sleep apnoea
27.	<b>LUKE PERRATON</b> (confirmed) Quadriceps rate of force development following total knee replacement is associated with gait speed - low-cost clinically feasible methodology
28.	<b>MICHAEL PSARAKIS</b> (confirmed) Wearable technology reveals gait compensations, unstable walking patterns and fatigue in people with Multiple Sclerosis
29.	<b>HASSAN QURESHI</b> (confirmed) The hands are immediately perceived closer to body midline in the absence of vision
30.	<b>CASSANDRA RUSSELL</b> (confirmed) Effects of postural challenge on responses to cortical stimulation: a potential probe of extrapyramidal tract function?
31.	<b>SIMON SUMMERS</b> (confirmed) The relationship between motor cortex organisation and motor variability in the transition to sustained muscle pain
32.	<b>JACOB THORSTENSEN</b> (confirmed) Antagonism of the D2 dopamine receptor reduces voluntary muscle activation and enhances central fatigue in humans

<b>33.</b>	<b>GABRIEL TRAJANO</b> (confirmed) The effect of moderate-duration passive muscle stretching on persistent inward currents estimated through paired motor unit analysis
<b>35.</b>	<b>KYLIE TUCKER</b> Assessment of individual muscle mechanical properties: a systematic review