

RehabWeek 2019 - Poster Presentation Schedule

| Poster Board Number | Conference | Conference Poster ID | Poster Title | Presenting Author | Presentation Day 1 | Presentation Time 1 | Presentation Day 2 | Presentation Time 2 |
|---------------------|------------|----------------------|---|---------------------|--------------------|---------------------|--------------------|---------------------|
| 303 | ISPO | 11 | Efficacy of Flexible Brace (All Line™) on Idiopathic Scoliosis | Seo, Jeong Hwan | Tuesday | 10:00-10:45 | Wednesday | 15:15-16:00 |
| 313 | ISPO | 15 | Older adults' perceptions and experiences with a community-based peer-led wheelchair- training program | Pellichero, Alice | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 420 | ISPO | 16 | A review of knee and hip osteoarthritis in transfemoral amputees | Hutton, Tracie J | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 9 | ISPO | 17 | Satisfaction in Living and Social Activities by Using Walking Aids among People with Physical Disability in Korea | Song, Youngshin | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 409 | ISPO | 18 | The rare rehabilitation experience on becoming a blind amputee: a case study | Nestico, Jacqueline | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 150 | ISPO | 20 | Reliability, Validity, and Agreement of the Full and Short-form Activities-specific Balance Confidence Scale in People with Lower Extremity Amputations | Fuller, Katherine A | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 393 | ISPO | 21 | Development and Assessment of a Wearable Vibrotactile Biofeedback System to Improve Gait of Individuals with Lower-Limb Amputation | Escamilla, Rafael | Tuesday | 10:00-10:45 | Wednesday | 10:00-10:45 |

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| 76 | ISPO | 22 | Examining the Use of Lower Limb Prostheses in Older Adults with Amputations Following Inpatient Prosthetic Training | Pousett, Brittany | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 251 | ISPO | 23 | A dynamic arm orthosis to assist powered wheelchair control for a man with Multiple Sclerosis: a case study | Bouffard, Jason | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 422 | ISPO | 25 | Modular Adaptable Transhumeral Prosthetic Socket for Evaluating Myoelectric Control | Hallworth, Ben | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 70 | ISPO | 26 | Accuracy and repeatability of using smartphone-based sensors for orthotic tuning | Nguyen, Brandon | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 36 | ISPO | 27 | Bicycling participation of people with lower limb amputation in Thailand | Poonsiri, Jutamanee | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 225 | ISPO | 28 | Fast and Easy Hand Motion Changing Algorithm | Park, Sehoon | Tuesday | 10:00-10:45 | Wednesday | 15:15-16:00 |
| 412 | ISPO | 30 | Comparison between two kinematic algorithm and ground reaction force technique for determining gait events during overground walking in trans-tibial population | Samala, Manunchaya | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 382 | ISPO | 33 | Field validation of an early indicator of muscle fatigue during gait with an exoskeleton in an urban environment: a pilot study. | Bielmann, Mathieu | Tuesday | 10:00-10:45 | Wednesday | 15:15-16:00 |

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| 138 | ISPO | 34 | The association between changes in subjective and objective measures of mobility in lower limb amputees after inpatient rehabilitation | Omana, Humberto | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 139 | ISPO | 35 | Fear of falling as a cognitive distractor affecting mobility in people with a lower limb amputation | Omana, Humberto | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 37 | ISPO | 37 | Ankle Foot Orthoses for Young Children with Cerebral Palsy: A Multi-Methods Study Protocol | Firouzeh, Pegah | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 374 | ISPO | 39 | Development of passive MCP joint thumb prosthesis | Jeon, Mankee | Tuesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 401 | ISPO | 40 | A digital peer-led approach to physical activity counselling among manual wheelchair users: Preliminary findings | Bourassa, Sophie | Tuesday | 10:00-10:45 | Wednesday | 15:15-16:00 |
| 226 | ISPO | 43 | integrated type remote EMG sensor for the partial-hand prosthetics | Park, Sehoon | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 333 | ISPO | 46 | Development of the myoelectric Hand control system for an upper limb amputee | Kim, Seunggi | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 19 | ISPO | 47 | Successful sport orthotic intervention after chronic wound closure at the post-traumatic degenerated ankle of a high-demand para-badminton athlete | Hsieh, Shiaufu | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 361 | ISPO | 48 | Knee kinematics of gait for patients with knee | Hatakeyama, Kazutoshi | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |

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| | | | osteoarthritis using the 2D/3D registration method | | | | | |
| 15 | ISPO | 49 | Gender difference in trunk stability using new device | Saito, Kimio | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 200 | ISPO | 53 | Can an individual with altered synergies control an unimpaired gait pattern? | Steele, Katherine M | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 159 | ISPO | 55 | A MOTOR UNIT BASED NEURAL INTERFACE FOR REAL-TIME CONTROL OF UPPER-LIMB PROSTHESES | Twardowski, Michael D | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 354 | ISPO | 56 | Testing a Novel Implant for Transfemoral Amputation | Smith, Larry | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 370 | ISPO | 58 | Design of a measurement system for the analysis of vibration and impact during powered wheelchair use | Lebrasseur, Audrey | Tuesday | 10:00-10:45 | Wednesday | 15:15-16:00 |
| 252 | ISPO | 59 | Outcomes of JACO robotic arm as viewed by users, their caregivers and rehabilitation practitioners : A study protocol | Bouffard, Jason | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 46 | ISPO | 62 | Effects of Prosthetic Socket Suspension on Knee Proprioception and Dynamic Balance in Transtibial Amputees | Gao, Fan | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 380 | ISPO | 64 | Biofidelic 3D printed trans-tibial residual limbs to facilitate bench testing of new socket technologies | Tung, James | Tuesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 48 | ISPO | 65 | Patient-Oriented Design Criteria for an Assistive Powered Hand Exoskeleton | Boser, Quinn | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |

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| 404 | ISPO | 66 | Assessing a 2D Video Gait Analysis Tool for Lower Limb Prosthetic Users in Under-Resourced Countries | Michelini, Alexandria | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 82 | ISPO | 67 | Education After Lower Limb Amputation: A Qualitative Study on Clients' Perspectives to Develop an Online Self-Management Program | Esfandiari, Elham | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 125 | ISPO | 68 | Wearable Hip-assist Robot for Reducing Muscle Fatigue and Metabolic Energy Cost during Walking in Elderly | Lee, Hwang Jae | Tuesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 385 | ISPO | 69 | Development of an intelligent wheelchair that addresses the needs of the power wheelchair users | Todam Nguepnang, Nathalie | Tuesday | 10:00-10:45 | Thursday | 15:15-16:00 |
| 98 | ISPO | 72 | Mechanisms for tendon actuated soft hand orthosis: a comparison. | Abdelhafiz, Mohamed | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 191 | ISPO | 74 | Introducing EOG in the Loop of P300 Wheelchair Control Interface | Kuo, Chung Hsien | Tuesday | 12:15-13:45 | Wednesday | 15:15-16:00 |
| 308 | ISPO | 76 | The effects of remote subthreshold electrical stimulation on skin sensitivity in the lower extremity | Plater, Emma | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 344 | ISPO | 77 | Intuitive Clinician Control Interface for a Powered Knee-Ankle Prosthesis: A Case Study | Reznick, Emma | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |

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| 206 | ISPO | 79 | IE-HD-EMG: Online Information-Enhanced High-Density EMG Technique with Artifact Detection and Attenuation for Myoelectric Control of Neuroprosthetic Devices | Stachaczyk, Martyna | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 358 | ISPO | 80 | Interface Pressure and Shear Stress inside Socket with and without Liner during Different Standing Conditions | Tran, Thuc V | Tuesday | 15:15-16:00 | Wednesday | 15:15-16:00 |
| 260 | ISPO | 82 | Enabling Agile Powered Prosthetic Legs over Continuously Varying Speeds and Inclines | Embry, Kyle | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 376 | ISPO | 83 | Feasibility of a task-invariant control scheme for a knee ankle exoskeleton designed for stroke rehabilitation | Divekar, Nikhil V | Tuesday | 10:00-10:45 | Wednesday | 10:00-10:45 |
| 67 | ISPO | 84 | Inter-Limb Central Pattern Generator based Control for Exoskeletons towards Hemiplegic Patients | Zhang, Dingguo | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 388 | ISPO | 85 | The modified novel device for the stiffness measurement of an ankle foot orthosis | Ochi, Mitsuhiro | Tuesday | 15:15-16:00 | Thursday | 15:15-16:00 |
| 272 | ISPO | 87 | Using Augmented Performance Feedback (APF) Activities During Lokomat® Therapy Results in Moderate Intensity Cardiovascular Exercise in Subacute Stroke Patients. | Prideaux, Nicole | Tuesday | 15:15-16:00 | Thursday | 10:00-10:45 |

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| 245 | ISPO | 88 | Effect of increasing prosthetic ankle power on the EMG activity of individuals with transtibial amputation during walking | Ingraham, Kimberly | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 63 | ISPO | 89 | Lowering the Barrier to Entry with an Open Source Robotic Leg Prosthesis | Azocar, Alejandro F | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |
| 216 | ISPO | 90 | Clinical effectiveness of an electronic prosthesis alignment sensor | Ardianuari, Satria | Wednesday | 15:15-16:00 | Thursday | 10:00-10:45 |
| 114 | ISPO | 91 | Utilizing Multiple Degrees of Freedom in Myoelectric Prostheses for Transhumeral and Shoulder Disarticulation Level TMR Prosthetic Users | Cox, Wendy | Tuesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 378 | ISPO | 94 | Pediatric Running with Lower-Limb Amputation: A Review of the Literature | Drake, Nicole | Wednesday | 10:00-10:45 | Thursday | 10:00-10:45 |
| 262 | ISPO | 96 | Is More Prosthetic Foot Energy Storage and Return Better? | Shepherd, Max | Tuesday | 15:15-16:00 | Wednesday | 10:00-10:45 |