

SSNR2022 Poster Assignments

#	Submitter Name	Title	Authors	Day
PO-01	Yahya Abbass	High-bandwidth human-machine interfacing using electronic skin and matrix electrodes	Y. Abbass, S. Dosen, L. Seminara, and M. Valle	Tues 11:00-11:30
PO-02	Benedikt Baumgartner	The BeneFit socket, an adjustable temporary socket for a transradial prosthesis	B. Baumgartner, O. Aszmann, I. Vujaklija, and A. Sturma	Tues 11:00-11:30
PO-03	Grace Bellinger	Quantifying post-stroke impairment in the inpatient rehabilitation facility	G. Bellinger and M. Ellis	Tues 11:00-11:30
PO-04	Anna Bösendorfer	Feedback for Leg Prosthesis	A. Boesendorfer, A. Sturma, T. Haslwanter, R. Scheffel, C. Hofer, A. Kranzl, M.F. Russold, and O. Aszmann	Tues 11:00-11:30
PO-05	Valeria de Seta	RECOM prototype: a hybrid Brain-Computer Interface aimed to RE-stablish Cortico-Muscular communication after Stroke	V. de Seta, E. Colamarino, F. Cincotti, D. Mattia, F. Pichiorri, J. Toppi	Tues 11:00-11:30
PO-06	Lars D'Hondt	Modeling foot arch, plantar fascia, and intrinsic muscles contributes to realistic ankle mechanics in three-dimensional predictive simulations of walking	Lars D'Hondt, Friedl De Groote, and Maarten Afschrift	Tues 11:00-11:30
PO-07	Maddalena Feder	An upper-limb prosthetic approach to reduce compensatory motions in reaching tasks	Maddalena Feder, Giorgio Grioli, Manuel G. Catalano and Antonio Bicchi	Tues 11:00-11:30
PO-08	Dhruv Gupta	Hill type muscle models do not capture the response to stretch in clinical tests of spasticity	D. Gupta, J. Willaert, A. Van Campenhout, K. Desloovere, and F. De Groote	Tues 11:00-11:30
PO-09	Balint Hodossy	Intent-Driven Gait Synthesis for Simulated Assistive Technology	B.K. Hodossy and D. Farina	Tues 11:00-11:30
PO-10	Aleksandra Kalinowska	Frequency-Based Assessment of Dynamic Response Reveals Functional Loss from Hemiparetic Stroke	A. Kalinowska, M. Schlafly, K. Rudy, J. Dewald, and T. Murphey	Tues 11:00-11:30
PO-11	Emek Baris Kucuktabak	Hierarchical Optimization Based Interaction Force Control for a Non-grounded Lower-Limb Exoskeleton	Emek Baris Kucuktabak, Yue Wen, Sangjoon Kim, Kevin Lynch, Jose Pons	Tues 11:00-11:30
PO-12	Paloma Mansilla Navarr	Development of a lower limb soft exoskeleton for CP patients	Paloma Mansilla Navarro, Dorin Copaci, Janeth Arias Guadalupe and Dolores Blanco Rojas.	Tues 11:00-11:30
PO-13	Sabina Manz	Towards the usage of embedded prosthesis sensors for real-life gait analysis of amputee subjects.	Sabina Manz, Dirk Seifert, Thomas Schmalz, Bjoern Altenburg, Strahinja Dosen, Jose Gonzalez-Vargas	Tues 11:00-11:30
PO-14	Wouter Muijres	Trade-offs between different task goals in stepping are not different between young and older adults	W. Muijers, M. Afschrift, and F. De Groot	Tues 11:00-11:30
PO-15	Balázs Radeleccki	Cycling Frequencies in Simultaneous Arm and Leg Cycling	B. Radeleccki and J. Laczko	Wed 11:00-11:30
PO-16	Aurora Ruiz Rodriguez	HEROES: Home-based Exergaming for Enhancing resistance to falls after Stroke	Aurora Ruiz-Rodríguez, Lotte Hagedoorn, Vivian Weerdesteyn, Hermie J. Hermens, Edwin van Asseldonk	Wed 11:00-11:30
PO-17	David Serrano del Cerro	Test bench for SMA based hand exoskeleton	David Serrano del Cerro, Dorin Copaci, Dolores Blanco, Luis Moreno	Wed 11:00-11:30
PO-18	Alessia Silvia Ivani	Experimental Psychophysical Characterization and Validation of Sound Exciter Vibrotactile Actuators in Haptics	Alessia Silvia Ivani, Manuel G. Catalano, Simone Fani, Giorgio Grilli, Antonio Bicchi	Wed 11:00-11:30
PO-19	Vanesa Soto Leon	Human Brain oscillations and region distribution in two different fatiguing tasks	V. Soto-León, M. Torres-Llacsá 1, C. Alonso-Bonilla1, L. Mordillo-Mateos 2, A. Oliviero	Wed 11:00-11:30
PO-20	Thekla Stefanou	Working Towards the Development of a Robust, Transparent Neuroprosthesis Activation System	T. Stefanou and L. Fonsecaç	Wed 11:00-11:30

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PO-21	Margaret Swerdloff	Dry EEG measurement of P3 to evaluate cognitive load during sitting, standing, and walking	M. Swerdloff and L. Hargroveç	Wed 11:00-11:30
PO-22	Eleonora Vendrame	A Wearable Device for Augmented Sensory Feedback-based Post-stroke Hand Rehabilitation	Eleonora Vendrame, Leonardo Cappello, Tommaso Mori, Christian Cipriani	Wed 11:00-11:30
PO-23	Jente Willaert	Increased muscle responses to balance perturbations in children with cerebral palsy	J. Willaert, G. Martino, A. Van Campenhout, K. Desloovere, L. Ting, F. De Groote	Wed 11:00-11:30
PO-24	HLM	Lower limb muscle activation patterns in healthy participants during walking and cycling	T. Rodriguez Millan, C.B. Sanz-Morere, R. Urrutia de Andres, N. Leon, F. Beeoao, J.L. Pons, J. Tornero	Wed 11:00-11:30
PO-25	HLM	Validation of markerless motion capture system with and without a lower-limb exoskeleton	L. Lopes Teixeira, C.B. San-Morere, A.M. Gutierrez-Muto, A. Gomez, C.B Sanz-Morere, N. Leon, A. Oliviero, J. Tornero	Wed 11:00-11:30
PO-26	HLM	Spasticity study with Tyromotion Amadeo robotic device in patients with hemispheric stroke	A. Alvarez, R. Urrutia de Andres, A.M. Gutierrez-Muto, A. Gomez, C.B. Sanz-Morere, N. Leon, A. Oliviero, J. Tornerno	Wed 11:00-11:30