

ICNR2026 Posters

#	Rehabilitation Wearable Robotics (RWR) - Poster presentations			
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P-063	23	Ana Císnal, Miguel Gómez-Martínez, Javier Pérez-Turiel and Juan Carlos Fraile	Usability and Feasibility of Markerless Augmented Reality Interaction for Upper-Limb Rehabilitation: A Pilot Study	RWR12
P-064	62	Veronika Hofmann, Simon Eckstein, Urs Schneider and Peter P. Pott	Conceptual Framework for Minimal Motor Actuation and DoF Prioritization in Wearable Rehabilitation Devices	RWR12

P-065	182	Tae Kyung Lee, Dong-wook Rha, Jun-min Cha, Ye Bin Cho, Yoon Whan Kim, Yerim Do and Juntaek Hong	Impact of a Hinged Ankle-Foot Orthosis on Walking Adaptability in Children with Spastic Cerebral Palsy and Equinus Gait	RWR12
P-066	190	Hyojun An and Kyoungchul Kong	Squat Trajectory Generation for Rehabilitation and Workspace Expansion in Individuals with Complete Paraplegia	RWR12
P-067	316	Giulia Mariani, Eleonora Vendrame, Nicolò Boccardo, Matteo Laffranchi, Marianna Semprini and Strahinja Dosen	Vibrotactile Feedback for Virtual Lower Limb Prosthesis Control: A Pilot Study	RWR12
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P-070	417	Tae Young Noh, Chae Soo Kim, Yu Jin Na, Dong Gee Lee and Joshua Sung H You	Ultra-Lightweight, Wearable Task-Specific Non-invasive Neuromodulation with Robotic Assistance for Shoulder Movement in Chronic Stroke: Proof of Concept	LB
P-071	418	Tae Young Noh, Chae Soo Kim, Yu Jin Na, Dong Gee Lee and Joshua Sung H You	Shoulder robot validation and model-based intelligent adaptive control	LB
P-072	419	Tae Young Noh, Na Young Hwang, Chae Soo Kim, Yu Jin Na, Dong Gee Lee, Han Sung Kim and Joshua Sung H You	Multimodal Evaluation of Multifunctional Indoor Assistive Transfer and Ambulation System (MITAS) Across 5 Tasks: Proof-of-Concept Study	LB
P-073	420	Bong-Keun Jung and Qiaoyi Li	Lower-Limb Exoskeleton Outcomes in Older Adults: Toward a Core Outcome Set for Effectiveness Evaluation	LB
P-074	428	Daniela Utiyama, Andre T. Sugawara and Linamara Batistella	Effects of Pediatric Exoskeleton Training on Functional Walking Capacity in Children with Physical Disabilities: A Case Series	LB
P-075	430	Irene L. Y. Beck, Jasmijn Visser, Erik Grauwmeijer, Katherine L. Poggensee, Amy Bellitto and Laura Marchal-Crespo	One Setup Fits All? Human Response to Different Passive Cable-Driven Treadmill Configurations for Post-Stroke Rehabilitation	LB
P-076	433	Amy Bellitto, Alberto Garzás-Villar, Ileana Ciobanu, Stefano Doronzio, Mihai Berteanu, Francesca Cecchi and Laura Marchal-Crespo	What is fun? Towards Engaging Games for Robotic Hand Rehabilitation After Stroke: A Participatory Study	LB
P-077	435	Jeong-eun Baek, Jung-Ah Lee, Myung-Joon Lim and Won-Kyung Song	Exploring the Usability of the Dynamic Arm Support MOMO During an Eating Task in Individuals With Stroke	LB
P-078	436	Ghaith J. Androwis, Brett Gordon, Steven Kirshblum, Guang H. Yue, and John DeLuca	Preliminary Effects of Self-Balancing Robotic Exoskeleton Gait Training on Mobility in Multiple Sclerosis	LB

#	AI and Computational Methods for Precision Rehabilitation (AICM) - Poster presentations			
P-079	20	Matteo Antonino Caruso, Yoel Alonso Cadierno, Giovanni Corvini, Adrià Colomé Figueras and Juan Moreno Sastoque	Black-box Bayesian Optimization for FES-cycling Parameters: A Pilot Study	AICM01
P-080	41	Yekwang Kim, Jeyong Jung, Juhui Moon, Haeun Lim and Seung-Jong Kim	Single RGB Camera-Based Exercise Evaluation Using Refined 3D Pose Estimation and Siamese Neural Networks	AICM01
P-081	256	Cyrille Mvomo, Mohamed Elgendi and Chris Easthope Awai	Epistemic Uncertainty as a Driver of Performance in Wearable Monitoring of Parkinson's Disease: A Real-World Proof-of-Concept Study	AICM01
P-082	325	Parvathy Neelakandan, Diwakar Bk Reddy, Prabhakar A.T., Sanjith Aaron, Shaikh Atif Iqbalahmed, Varadhan Skm and Sivakumar Balasubramanian	Detecting Daily-Life Activities with Wrist-worn Inertial Measurement Units in Healthy and Persons with Stroke	AICM01
P-083	363	Woojin Kwon and Daekyum Kim	Robust Self-Supervised Representation Learning for Wearable-Based Cardiorespiratory Fitness Estimation	AICM01
P-084	99	Hajar Boulehdid, Cristina Montero-Pardo, Pablo Lanillos, Jorge A. Gómez-García and Filipe Oliveira-Barroso	LSTM neural networks can accurately predict essential tremor signals from accelerometers	AICM02
P-085	137	Poolee Ong, Huiting Zhuo, Khin Chaw Yu Aung, Xin Yi Lim, Ramanpreet Pahwa and Benjamin Leong	SMART-GAIT: Virtual Reality-Based Gait Analysis System for Stroke Rehabilitation - A Feasibility Study	AICM02
P-086	184	Ada Grečner, Alistair McConnell and Marta Vallejo	Refining Prosthetic Usability: Data Augmentation and Group Cluster Analysis in Low-Resolution sEMG Classifiers	AICM02

P-087	201	Mohammad Yousefi, Gunhee Lee and Kyoungchul Kong	Physics-Aware Diffusion-Based Controllable Human Gait Generation	AICM02
P-088	260	Jongwon Kim and Kyoungchul Kong	A Cerebellar-Inspired Execution Layer for Payload-Adaptive Manipulation on Lightweight Robots	AICM02
P-089	359	Réka Kiss and Miklós Koller	First Steps Toward Building a Physiologically Realistic Lower Arm Model to Study and Optimize Near-Infrared Spectroscopy Measurements	AICM02
P-090	396	Áron Boldizsár Köves, Réka Kiss, Sándor Földi and Miklós Koller	Multimodal EMG-NIRS Characterization of Local Muscle Fatigue	AICM02
P-091	397	Shayan Taheri and Ivan Vujaklija	Towards Optimal, Realistic, and Robust Sit-to-Stand Motion Synthesis for Controller Design	AICM02
P-092	120	Aron Boldizsar Koves and Miklos Koller	Comparative Evaluation of Synthetic Mixing Strategies for Multi-Finger EMG Augmentation	AICM04
P-093	156	Luca Nastasi, Mathieu Berthet, Olivia Ruggaber and Chris Easthope Awai	Auto-Selection of Marker-Based Gait Event Detection for Treadmill Walking in Older Adults, Parkinson's Disease, and Stroke	AICM04
P-094	216	Muhammad Umair, Qi An, Fatima Ismail, Shingo Shimoda and Fady Alnajjar	Intention-Contingent Plantar Sensory Feedback for Personalized Neurorehabilitation: A Conceptual Framework Bridging Evidence from Stroke, Aging, and Cerebral Palsy	AICM04
P-095	244	Anders Lindemark, Farshad Moradi, Corentin Piozin and Hoda Fares	Beyond convolutional limits: Comparing spiking and conventional architectures for real-time sEMG regression	AICM04
P-096	374	Seulki Kyeong	Cross-Subject Wearable EMG Direction Decoding with Rapid User Calibration	AICM04
P-097	68	Laura Angioletti, Benedetta Vignati and Michela Balconi	Neurocognitive assessment of EFs and EEG markers of cognitive complexity during praxis tasks: which relationship?	AICM05
P-098	73	Jonas Große Sundrup, Knut Schnell and Katja Mombaur	Monitoring motor activity for improving therapeutical outcome of outpatient treatment for major depressive disorder	AICM05
P-099	76	Eleonora Guanzioli, Caterina Piazza, Federica Locatelli, Nicolas Diani, Angelo Bellinvia and Franco Molteni	Autonomic modulation and functional effects of artificial natural-light simulation on post stroke survivors	AICM05
P-100	79	Mario Ortiz, Vicente Quiles, Carlo Cavaliere, Cristina Polo-Hortigüela, Yash Bhambhani, Eduardo Iáñez and José M. Azorín	Closed-loop control of a cycle-ergometer using a BMI based on motor imagery and cognitive motor engagement for SCI patients	AICM05
P-101	143	Ju Hee Kim, Hyun Jong Lee and Young-Hyeon Bae	Feasibility and Preliminary Effects of a Digital-Based Cognitive-Physical Dual Task Training Program for Community-Dwelling Individuals with Chronic Stroke	AICM05
P-102	333	Giorgia Gatto, Adriano Scibilia, Marco Caimmi and Matteo Lancini	Ecological protocol for assessing motor, cognitive, and attentional function in post-stroke patients	AICM05
P-103	358	Dhushintha Ramalingam, Tomislav Bacek, Ying Tan and Denny Oetomo	A PCA-Based Framework for Identifying Altered Components in Individual Gait Using Kinematic Synergies: A Case Study	AICM05
P-104	389	Ludovica Viola, Stefano Giuseppe Doronzio, Angela Maria Politi, Tommaso La Russa, Tommaso Ciapetti, Laura Bandini, Cecilia De Vicariis, Francesca Cecchi and Vittorio Sanguineti	Modeling direction-dependent motor impairment during robot-assisted stroke rehabilitation	AICM05
P-105	77	Anahis Casanova Hernández, Nuria Gonzalez Franco, Andres Ubeda Castellanos and Carlos Alberto Jara Bravo	Towards Fatigue-Aware Rehabilitation: sEMG-Based Muscle Fatigue Characterization in Resistance-Based Robotic Therapy	AICM06
P-106	145	Giulia Savina, Ciarán McGeady, Agnese Grison, Emma Colamarino, Jlenia Toppi, Donatella Mattia and Dario Farina	A simulation study to identify most reliable corticomuscular connectivity estimators under continuous and bursting beta activity	AICM06
P-107	257	Junghun Sung, Wonjin Jang, Hongki Kang and Byung-Mo Oh	Investigation of Intramuscular EMG Reconstruction from High-Density Surface EMG Using Deep Learning	AICM06
P-108	278	Ricardo Romero, Diego Torricelli, Giacomo Severini and Diego Galeano	Effects of Missing EMG Channels on Muscle Synergy Analysis	AICM06
P-109	294	Jin Yan, Anbang Wang, Nan Liang and Chuanxin Niu	A Computational Investigation of the Antispastic Mechanism of the C3–C4 Propriospinal Circuitry	AICM06
P-110	35	Mohammad Sadegh Ghalayani, Hannah Braun and Claudio Castellini	Towards Posture-Invariant Myoelectric Control via Cross-Modal Wavelet-Transformer Fusion	AICM07

P-111	238	Beomsoo Shin and Seungbum Koo	Simulation of Knee Contact and Ligament Force Changes During Running Following ACL and ALL Reconstruction	AICM07
P-112	352	Nicole Giannotto, Silvestro Micera and Simone Romeni	Sensitivity of muscle activations estimated with musculoskeletal models to algorithmic and musculotendon parameter variations	AICM07
P-113	422	Kai Yang, Haoyuan Sun, Hiroyuki Hamada, Ken Kikuchi, Atsushi Yamashita, Diego Torricelli and Qi An	Preserving Clinically Relevant Gait Features in Wearable-Sensor Pose Estimation for Parkinson's Disease	LB
P-114	424	Miklovana Tuci, Armin Curt, Marc Bolliger and Catherine Jutzeler	Federated Learning for Multicenter Prediction of Motor Recovery After Spinal Cord Injury	LB
P-115	426	Xiaochen Zhang and Sigrid Dupan	A co-adaptive myoelectric control interface integrating discrete reaching and continuous tracking for pre-prosthetic training	LB
P-116	427	Leon Kutoš, Matej Kramberger, Miloš Kalc, Dario Farina and Aleš Holobar	Motor Unit Merging Underlies the Relationship Between Pulse-to-Noise Ratio and Motor Unit Identification Accuracy in High-Density Surface EMG Decomposition	LB

#	Clinical Motor Control (CMC) - Poster presentations			
P-117	90	Lucia Angelini, Paola Scarlino, Stefano Revello, Enzo Mastinu and Marco Controzzi	Do Kinesthetic and Acoustic Feedback Influence Performance in Fragile Object Manipulation? An Experimental Protocol	CMC01
P-118	267	Qinlin He, Qing Xie and Jixian Wang	Low-Intensity Transcranial Ultrasound Stimulation Regulates Post-Stroke Neuroplasticity: A Study Using Multidimensional EEG Features	CMC01
P-119	52	Kyohei Mikami, Hiroyuki Hamada, Ken Kikuchi, Ryoma Aoki, Takuya Iwamoto, Keisuke Shiraishi, Natsumi Takahashi, Akika Yoshimoto, Kazuki Yoshida, Atsushi Yamashita and Qi An	Effects of Plantar Somatosensory Input on Subjective Postural Vertical in Patients with Parkinson's Disease: A preliminary study	CMC02
P-120	69	Elisa Soldi, Laura Bonzano, Ambra Bisio, Marco Santello and Marco Bove	Data-driven model of effects of proprioceptive stimulation predicts perceived hand position	CMC02
P-121	70	Laura Bonzano, Monica Biggio, Alice Massa, Elisa Soldi, Costanza Iester, Ambra Bisio and Marco Bove	Enhanced Fronto-Parietal Cortical Activation During Motor Imitation in Proprioceptive-Augmented Virtual Reality	CMC02
P-122	125	Eleonora Vendrame, Inês Veloso, Dario Di Domenico, Nicolò Boccardo, Matteo Laffrachi and Strahinja Dosen	Perceptual Scalability of High-Density Vibrotactile Feedback for Conveying Distributed Contact in Upper-Limb Prosthetics	CMC02
P-123	309	Sua Bae, Jiseung Kang and Hangue Park	Feasibility of Detecting Electrically Induced SSSEPs Using an OpenBCI EEG Detection System	CMC02
P-124	148	Giulia Maria Castiglioni, Sara Arlati, Nicole Sanna, Tania Olmo-Fajardo, Eleonora Guanzioli, Franco Molteni and Emilia Ambrosini	Design and Validation of a Virtual Reality Environment for Post-Stroke Cycling Rehabilitation	CMC03
P-125	336	Keerthana Deepti Karunakaran, Christian Sanchez, Bryan M. White and Kiran Karunakaran	Identifying Markers of Gait and Balance Function in TBI using Resting-State Functional Near Infrared Spectroscopy	CMC04
P-126	58	Davide Crivelli and Michela Balconi	A wearable neurofeedback-virtual reality training for self-regulation: a pilot study on usability, neurophysiological correlates, and subjective experience	CMC06
P-127	109	Jui-Te Lin	Fear of Falling: Altered neuromuscular strategies of turning in high-functioning older adults	CMC06
P-128	227	Ritwika Choudhuri, Earnest Rajapandian, Senthil Velkumar T, Steffi Graffi, Benny Paul Wilson, Atif Shaikh, Manish Anand, Sujatha Srinivasan and Sivakumar Balasubramanian	What is "normal balance" in healthy human adults in India	CMC06
P-129	243	Francesca Sofia, Pablo Martín Sierra, Sanaz Attaripour, María Guadalupe Quintero Toro, Vicky Chan, Claire Henchcliffe, David J. Reinkensmeyer and Diego Torricelli	Force-derived Tapping Dynamics Discriminate Parkinson's Disease: A Pilot Study using a Home Rehabilitation Device	CMC06
P-130	258	Thomas Legrand and Giacomo Severini	Relationship Between Postural Sway Complexity and Cortico-Kinematic Coherence	CMC06
P-131	302	Elisa Maria Fiorino, Silvia Conforto, Flavia Forconi, Maurizio Schmid and Simone Ranaldi	Modular motor control of the upper limb during goal directed and undirected tasks	CMC06

P-132	303	Mehran Barari, Daniele Bibbo, Silvia Conforto, Ilenia De Meis, Maurizio Schmid and Simone Ranaldi	Effects of external stimuli on the Temporal Characteristics of the Anticipatory Postural Adjustment in Upper-Limb Tasks	CMC06
P-133	323	Sivakumar Balasubramanian, Charles Jebaraj, Monisha Yuvaraj, Steffi Graff, Sanjith Aaron, Appaswamy Thirumal Prabhakar, Henry Prakash, Samuel Kamalesh Kumar Selvaraj, Nebojsa Malesevic, Christian Antfolk and Varadhan S.K.M	Effect of unilateral/bilateral intention and direct/mirror vision feedback on wrist/hand muscle activation after stroke	CMC06
P-134	393	Ibrahim Refai, Gregory Pearcey and Kevin Power	Afferent Modulation of Corticospinal Excitability: A Time-Domain & Locomotor Investigation	CMC06
P-135	398	Tim Sziburis, Susanne Blex, Tobias Glasmachers and Ioannis Iossifidis	Modelling upper-limb task-space motion trajectories via elliptic paths and dynamical-system-generated velocity profiles	CMC06
P-136	413	Rukiye Aydın, Hiroyuki Hamada, Ken Kikuchi, Shingo Shimoda, Yoshihiro Kameyama, Kazunori Sato, Daiki Kamiyama, Eriko Kitahara, Atsushi Yamashita, Tomokazu Shimazu, Genko Oyama, Toshiyuki Fujiwara, Nobutaka Hattori and Qi An	L-dopa Restores the Bimodal Stance Force Profile in Parkinson's Disease While Increasing Push-Off Variability	LB
P-137	423	Thanuja Jinadasa	Systematic Development of Mindful Swallowing Training for the Rehabilitation of Post-Stroke Dysphagia	LB
P-138	425	Hyun Choi, Dong-A Kim, Jae-Hyuk Bae, Jin-ju Kim and Jung-ah Lee	Age-Related Differences in Phase-Specific Reaction Time of Accelerator Release and Braking in Drivers	LB

#	Neural Interfaces and Stimulation (NIS) - Poster presentations			
P-139	306	Junhyuk Jung, Hansung Bae and Hanguk Park	High-Gamma Band tACS Enhances Locomotor Adaptation of Split-Belt Treadmill Walking	NIS01
P-140	340	Fernanda Moura Vargas Dias, Christian Nogueira de Barros, Felipe Mendes Barcelos Angeli, Carolina Fiorin Anhoque Comarela and Fernando Zanella da Silva Áreas	Feasibility, Safety, and Preliminary Outcomes of a Combined TMS and Mindfulness Intervention for Migraine	NIS01
P-141	357	Seonyoung Hyun, Jeungeun Kum, Younghee Seo, Joon Bum Park, Wonhye Lee and Hyungmin Kim	Contralesional tFUS Promotes Post-Stroke Recovery by Balancing Interhemispheric Activity	NIS01
P-142	219	Hyeok-Jun Kwon and Hyung-Soon Park	Session-by-Session EMG and Force Changes During Muscle Synergy Rehabilitation with EMS in a Stroke Survivor	NIS02
P-143	88	Yinshen Huang, Liuni Qin, Hui Wang and Yanjuan Geng	Peripherally Applied LIFUS Induces Distinct Cerebral Hemodynamics from Electrotactile Stimulation: a fNIRS study	NIS03
P-144	83	Xin Yu, Nicole Veit and Arun Jayaraman	Acute Modulation of Muscle Synergies Toward Normative Patterns During Spinal Cord Stimulation in Post-Stroke Gait	NIS04
P-145	44	Jose Gomez Tames	Numerical Evidence Supporting Trans-Spinal Focused Ultrasound for Human Applications	NIS06
P-146	320	Imane Ben M'Rad, Daniele Emedoli, Filippo Gasperotti, Federico Colombo, Júlia Lombardi, Filippo Agnesi, Luigi Albano, Sandro Iannaccone, Pietro Mortini, Silvestro Micera, Alcirar Barbosa Soares, Mohamed Bouri and Solaiman Shokur	A virtual reality system for training center-out reaching tasks during epidural electrical stimulation in spinal cord injury	NIS06
P-147	9	Sonia Rocio Moreno-Castelblanco, Mauro Callejas-Cuervo, Manuel Andrés Vélez-Guerrero and Andrea Catherine Alarcon-Aldana	An EEG Architecture for Motor Intention Recognition: Acquisition, Filtering and Spectral Analysis	NIS07
P-148	24	Carolina Fiorin Anhoque, Fernando Bermudes Cabral, Sheila da Luz Schreider, Fernanda Moura Vargas Dias, Fernando Arêas and Teodiano Freire Bastos Filho	Feasibility of Repetitive Transcranial Magnetic Stimulation in Post-Stroke Dysphagia: Study Protocol	NIS07
P-149	296	Edwin Daniel Oña, Andrés F. Cela, Beatriz Samitier, Lluís Guirao Cano and Alberto Jardón Huete	Promoting Handgrip Strength and Coordination using eJamar and Exergames with Dynamic Difficulty Adjustments	NIS07
P-150	32	Hyunmi Lim and Jeonghun Ku	Augmented Reality-Based Mirror Therapy Combined with Peripheral Electrical Stimulation Enhances Mu Rhythm Suppression	NIS08

P-151	47	Yoshiki Soma, Kanata Yatsuda, Manabu Tamura, Wenwei Yu and Jose Gomez-Tames	Preliminary Study of Nerve Conduction Block in Temporal Interferential Stimulation	NIS08
P-152	89	Liuni Qin, Yinshen Huang, Yanjuan Geng, Hui Wang and Jin Xie	Spatial Specificity of Peripheral Microvascular Under Sensory and Motor Transcutaneous Electrical Nerve Stimulation	NIS08
P-153	102	Ekaterina Potapkina, Maria Volodina and Alexei Ossadtchi	Tactile Sensitivity Training in the Active Touch Paradigm	NIS08
P-154	105	Austin Lui, Alison Watt, Ivan Isakov, Lisa Zaidell, Katya Mileva, Marco Davare and Ulrike Hammerbeck	The usability and acceptability of combining virtual reality with electrical muscle stimulation for stroke survivors with varying severity of upper limb impairment	NIS08
P-155	225	Triin Ojakaar, Nicholas Shackle, Ankitha Rajaram, Teresa Simoes Steyn, Charlotte Gardhouse, Andrew Sharott, Anna Á V. Guttesen and Melanie K. Fleming	Investigating the Effects of Closed-Loop Auditory Stimulation During Sleep in Older Adults	NIS11
P-156	347	Hyeonjin Jang, Tae-Woo Kim, Yeun Jie Yoo, Donghyeon Kim, Taeyeon Kim, Danbi Song, Hyungtaek Kim, Eun-Gyoung Yi and Sangtae Ahn	Optimized Transcranial Direct Current Stimulation Improves Upper Extremity Function in Stroke Rehabilitation	NIS11
P-157	307	Sae Min Kim, June Seung Lee and Hangu Park	Visual Manipulation of Finger Length Alters Physiological Responses Associated with Body Image	NIS13
P-158	366	Minju Oh, Junha Cho and Hangu Park	VIPER: Visuo-Proprioceptive Individual Profiling for Evaluating Rehabilitation Capability	NIS13
P-159	21	Yoel Alonso-Cadierno, Tania Olmo-Fajardo, Clara Beatriz Sanz-Morère and Juan Camilo Moreno	Personalization of functional electrical stimulation (FES) patterns for cycling from muscle synergies: a feasibility study	NIS14
P-160	140	Irina Mikhaylova, Maria Nikolaeva, Milana Makarova, Anastasia Molodanova and Maria Volodina	THE INFLUENCE OF MENSTRUAL CYCLE PHASE ON MOTOR CORTICAL REPRESENTATION PARAMETERS: A TMS-BASED STUDY DESIGN	NIS14
P-161	279	Teresa J. Simoes Steyn, Anna Á V. Guttesen, Matthew Weightman, Robert Toth, Iris Weichert, Katrijn Schruers, Simran Dhinsa, Laura Cini, Joram J. van Rheede and Melanie K. Fleming	Closed-Loop Transcranial Electrical Stimulation Targeting Slow-Wave Sleep for Memory Consolidation: A Pilot Study in Healthy Young Adults	NIS14
P-162	318	Yuki Ueda, Masaki Fukunaga, Wenwei Yu and Jose Gomez-Tames	Brain Function Localization Using Transcranial Magnetic Stimulation Considering Neural Firing Thresholds	NIS14
P-163	339	Anna Rusinova, Ekaterina Potapkina, Alexei Ossadtchi and Maria Volodina	Effects of Short-Term Cardiac Biofeedback-Based Interoceptive Training on Neural Responses to Socio-Emotional Stimuli	NIS14
P-164	411	Woosang Cho, Sebastian Sieghartsleitner, Rupert Ortner, Christy Li and Christoph Guger	Closed-Loop BCI-FES Training in Parkinson's Disease: A Feasibility Study	LB
P-165	421	Fabiano Moura Dias, Vitória Caroline Reinoso de Almeida, Layza Julhia do Nascimento Moura, Carolina Fiorin Anhoque, Fernando Zanela da Silva Áreas and Fernanda Moura Vargas Dias	Neuromodulation for the Treatment of Women with Menstrual Migraine: a Pilot Study	LB
P-166	429	Sera Bostan, Risha DeGamia, Rowan Boyles, Jumpei Kashiwakura, Patrick Sagastegui, Paul H Strutton and Dario Farina	Motor Cortical Excitability Effects of Movement-Related Vibration Stimulation Through a Wearable Armband Device	LB
P-167	432	Daniela Utiyama, Thalita Bartolo, Daniel Coelho, Andre T. Sugawara and Linamara Batistella	Cortical Activation During Exoskeleton-Assisted Walking in a Patient with Spinal Cord Injury: A Functional Near-Infrared Spectroscopy Study	LB
P-168	434	Seongmi Song and Andrew D. Nordin	Functional Cortico-Muscular Synergies During Assisted Gait	LB

#	Clinical Translation and Industry Track (CTIT) - Poster presentations			
P-169	251	Tomokazu Abe, Satsuki Yamauchi, James Vincent Curley, Shotaro Okajima, Riku Kawabata, Shima Okada, Shingo Shimoda and Hitoshi Hirata	Neural Correlates of Immersive Projection Mapping Experience: EEG Microstate and Amygdala Activation Analysis	CTIT01
P-170	124	Marta Mirkov, Matija Strbac and Ivan Vujaklija	Towards minimal sensor setups and calibration protocols for Smart Mechatronic Ankle-Foot Orthoses control	CTIT02
P-171	360	Madalina Moscu, Milos Kostic and Ivan Vujaklija	Sequence-Aware Feature Fusion Improves Ankle-Angle Estimation Robustness in Smart Ankle-Foot Orthoses Applications	CTIT02

P-172	268	Cinzia Amici, Riccardo Buraschi, Mihai Dragusanu, Massimiliano Gobbo, Silvia Logozzo, Monica Malvezzi, Joel Pollet, Monica Tiboni and Maria Cristina Valigi	Robotic Hand Rehabilitation: Device Architectures and User-Centered Design Methodologies	CTIT04
P-173	4	Alejandro Sánchez, Estefanía Morcillo, Cristina Laina and Laura Jaimez	What Is Not Asked Is Not Addressed: The Gap Between Sexual Needs and Professional Intervention After Neurological Damage	CTIT05
P-174	8	Jongmoon Kim	Multifocal motor neuropathy: A case report	CTIT05
P-175	373	Carla Mei Barundia, Daniel Senillo, Anna Purisima Peñalosa, Maria Corazon Cabuquit and Gerardo Briones Jr.	AHMC Early Rehabilitation Program for Patients Diagnosed with Cerebrovascular Disease in the Intensive Care Units	CTIT05
P-176	410	Sang Yeon Cho, Seung Won Lee, Yeonsun Yu and Hwi-Yeon Cho	Modifier Gene Therapy Strategy for Functional Recovery in Hereditary Spastic Paraplegia: Transcriptomic and Real-World Evidence	LB
P-177	414	Fabio Alexander Storm, Mattia Chiappini, Roberta Nossa, Naomi Gefen, Marta Arleo, Pim P. Valentijn, Olgac Ergeneman, Conrad McCarthy, Francesca Fedeli, Patrice L. Weiss and Emilia Biffi	Closer Care for Children: Co-design of services for home and community-based rehabilitation	LB
P-178	416	Su Been Kim, Mi Yu, In Gyun Jeong, Seung Rok Kang, Gi Wook Kim, Myoung Hwan Ko and Tae Kyu Kwon	Evaluation of a Newly Developed QPST System Through Age-Related Thermal Sensory Profiling in Healthy Adults	LB
P-179	431	Nigara Yerkhojayevea	Toward Personalized Neurorehabilitation in Complex Epilepsy: Phenotype-Guided Genomic Triage in a Real-World Cohort	LB