

Wednesday, September 30th					
Time	Track A - Rehabilitation and Wearable Robotics Chairs: XXX Room YYY	Track B - AI and Computational Methods for Precision Rehabilitation Chairs: XXX Room YYY	Track C - Clinical Motor Control Chairs: XXX Room YYY	Track D - Neural Interfaces and Stimulation Chairs: XXX Room YYY	Track E - Clinical Translation and Industry Track Chairs: XXX Room YYY
08:30-09:15	Prof. He (Helen) Huang, Plenary Lecture (Room XXX)				
09:15-10:45	RWR01 - Soft Robotics as Assistive Devices Chairs: XXX	AICM01 - Health AI for Precision Rehabilitation Chairs: XXX	CMC01 - Quantitative Assessment and Intervention of Spasticity Chairs: XXX	NIS01 - From Brain to Spinal Cord: Neuromodulation technologies driving recovery Chairs: XXX	CTIT01 - Remote Palpation & Human-Look-Through Tele-Exams: Extending Clinical Touch with Sensory-Intelligent Robotics Chairs: XXX
10:45-11:15	Coffee break				
11:15-12:45	RWR03 - Advancing Postural Control and Mobility: Rehabilitation Approaches for Neurological Conditions Chairs: XXX	AICM02A - Artificial Intelligence for Wearable Robotics and Neurorehabilitation (I) Chairs: XXX	CMC02 - From Sensing to Action: Translational Perspectives on Proprioception in Rehabilitation Chairs: XXX	NIS02 - Synergy-Based new therapies and interventions for Motor Recovery After Stroke Chairs: XXX	CTIT02 - Mechatronic ankle foot orthoses – novel concepts and barriers to translation Chairs: XXX
12:45-13:45	Lunch break				
13:45-14:30	Prof. Byung-Mo Oh, Plenary Lecture (Room XXX)				
14:30-16:00	RWR04 - Intelligent Rehabilitation Systems and Assistive Robots for Senior Care Chairs: XXX	AICM02B - Artificial Intelligence for Wearable Robotics and Neurorehabilitation (II) Chairs: XXX	CMC03 - The role of cycling limb movements in neurorehabilitation Chairs: XXX	NIS03 - Revolutionizing Hand Prosthesis by Restoring Biorealistic Sensorimotor Functions Chairs: F. Lanotte, M. O'Brien	RWR06 - The future of neurorehabilitation: collaborative robotics to support the continuum of care Chairs: XXX
16:00-16:30	Coffee break				
16:30-18:00	RWR05A - From Lab to Life: Human Intention and Interaction in Wearable Rehabilitation Robotics (I) Chairs: XXX	AICM03 - Reconstructing the Self as Foundations of Next-Generation Neurorehabilitation Chairs: XXX	CMC04 - Technological Advances in Assessment of Lower-Limb Motor-Rehabilitation Interventions Chairs: XXX	NIS04 - Reawakening the Spinal Cord: Transcutaneous Spinal Cord Stimulation for Motor Recovery Chairs: XXX	RWR07 - More Therapy at Home: Opportunities and Challenges of Neurorehabilitation Technologies Chairs: XXX

RWR01 - Soft Robotics as Assistive Devices Chairs: XXX	ID194. Yeongtae Kim and Hyung-Soon Park. 3D-Printed Soft Wearable Glove with Finger Abduction-Adduction Capability for Post-Stroke Hand Rehabilitation
	ID241. Marek Sierotowicz and Claudio Castellini. A-mode ultrasound for the estimation of joint stiffness - potential for use in variable impedance assistive robotics
	ID376. Cristina Piazza, Maria Fossati and Antonio Bicchi. Beyond Anthropomorphism in Prosthetic Hands: Designing Intelligent Tools for Human Action
	ID386. Sabine Thuerauf, Ayşe Betül Demir and Claudio Castellini. Softness on Demand: Concept of Impedance Parameter Adaptation for Upper Limb Assistive Devices
RWR03 - Advancing Postural Control and Mobility: Rehabilitation Approaches for Neurological Conditions Chairs: XXX	ID113. Hyunje Park, Adriele Rivera, Beom-Chan Lee and Seoung Hoon Park. Synergistic Effects of Phase-Specific Spinal Stimulation and Visual Feedback on Hip Stabilizer Activation Post-Stroke
	ID161. Shijun Yan, Iram Hameeduddin, Hyosok Lim, Weena Dee and Ming Wu. Effects of trunk perturbation on motor learning of trunk postural control in children with cerebral palsy
	ID271. Huan Min, Ming Liu, Woolim Hong and He Huang. Potential to Link Wearers' Body Image to User Preference for Prosthetic Knee Controllers: A Pilot Study
	ID275. Seonjeong Kim, Jinwoo Hwang, Seungjoo Noh, Seo Jung Yun, Yujin Kwon, Han Gil Seo, Keewon Kim and Jinsoo Kim. Evaluation of Personalized Hip Assistance for Gait Improvement in Individuals with Parkinson's Disease
RWR04 - Intelligent Rehabilitation Systems and Assistive Robots for Senior Care Chairs: XXX	ID300. Kiran K Karunakaran, Christian Sanchez, Guang H Yue and Easter Suvisheshamuthu. Evaluating Balance Changes Due to Core Strength Training: A Case Study
	ID002. Adriele Rivera, Hyunje Park, Seoung Hoon Park, Joeoun Ahn and Beom-Chan Lee. Treadmill-Delivered Propulsion-Augmenting Training With Real-Time Propulsive-Force Biofeedback for Post-Stroke Gait
	ID107. Soubhagya Nayak, Connor Phillips, Megan Eikenberry and Hyunglae Lee. Performance-based Adaptive Robotic Balance Training for Chronic Stroke Survivors: A Pilot Study
	ID127. Junyeong Lee, Hyeonbeom Shin, Sunkyoung Kim, Minkyung Kim, Jae-young Han and Jungwon Yoon. Track-based Overground Gait Symmetry Training of Stroke Patients Using Haptic Assistance Based on Mobile Manipulator Platform
RWR05A - From Lab to Life: Human Intention and Interaction in Wearable Rehabilitation Robotics (I) Chairs: XXX	ID169. Junghun Yang, Jun-Il Yoo, Bonsang Gu, Bhola Shivam and Jiyeon Kang. End-to-End Few-View Markerless Pipeline for Video-to-Joint Torque Analysis
	ID321. Kyungmin Kwon, Youngkee Kim and Jiyeon Kang. A Novel Neurophysiological Parameter Sweep Design to High-Intensity Balance Perturbations
	ID130. Pin-Hsuan Su and Bing-Chwen Chang. Knee Extensor Assistance in Stance Phase during Stair Ascent with Knit-Covered Pneumatic Assistive Device
	ID157. Myunghee Kim, Dimuthu Kodippili Arachchige, Sruthi Ramadurai and J Cortney Bradford. From Signals to Support: Personalizing Coaching and Assistance with Wearable Robots
AICM01 - Health AI for Precision Rehabilitation Chairs: XXX	ID232. Sayaka Morinaga, Satoshi Nishikawa and Kazuo Kiguchi. Effect of Artificial Visual Information on Kinesthetic Illusion Induced by Vibration Stimulation for Elbow Joint Motion
	ID330. D.S.V. Bandara and Jumpei Arata. Hierarchical EMG Decoding for Intention-Driven Hand Rehabilitation
	ID121. Tim Unger, Olivier Lambercy, Roger Gassert, Andreas R. Luft, R. James Cotton and Chris Easthope Awa. Convergent Validity Between Upper Limb Kinematic Metrics
	ID231. R. James Cotton. A Causal Framework for Precision Rehabilitation
AICM02A - Artificial Intelligence for Wearable Robotics and Neurorehabilitation (I) Chairs: XXX	ID341. Saskia Neumann, Chris Easthope Awa and Jose Albites-Sanabria. Large-Scale Activity Analytics for Clinical Decision Making Across Pathologies: Bridging the Real-World Data Gap
	ID355. Johannes Pohl, Tim Unger, Elisa Du, Thomas Weikert, Mathias Bannwart, Meret Branscheidt and Chris Easthope Awa. Clinical integration of continuous sensing technologies for assessment and intervention
	ID167. Huiyi Wang, Étienne Goubault, Christian Larivière, Calder Robbins, Hyoungseo Son, Seungmoon Song and Guillaume Durandau. Neuromusculoskeletal Model for Predictive Simulation of
	ID176. Damián Benasco, Juan Carballeira López, Jaime Ramos-Rojas, Julio Salvador Lora-Millán, Antonio J. Del-Ama, David Rodríguez-Cianca and Pablo Lanillos. Diffusion-Based Generation of Gait Trajectories
AICM02B - Artificial Intelligence for Wearable Robotics and Neurorehabilitation (II) Chairs: XXX	ID183. Vicente Quiles Zamora, Cristina Polo-Hortiguera, Desirée I. Gracia, Mario Ortiz, Eduardo Iáñez and Jose M. Azorin. Exploiting Neural Network Output Probabilities and Decision Thresholds for Robust Motor Imagery Decoding in BMI
	ID280. Annemarie Laudanski, Jorge A Gómez-García, Marina Algaba-Vidoy, Adriana Torres-Pardo, Carlota Trigo-La Blanca, Víctor Navarro López, Diego Fernández Vázquez, María Carratalá Tejada, Francisco Molina Rueda, Eduardo Rocon and Diego Torricelli. A Multimodal Approach for Parkinson's Disease Detection Based on Neuromechanical Gait Features
	ID291. Andres Chavarrias, David Rodriguez-Cianca, Daniel Haeufle and Pablo Lanillos. Soft Exoskeleton Control with Musculoskeletal Deep Reinforcement Learning
	ID55. Lluís Bernat, Raquel Martínez-Pérez, Gabriel J. Garcia and Andres Ubeda. Rotational Displacement Detection of a HD-EMG Dry Electrode Armband
AICM03 - Reconstructing the Self as Foundations of Next-Generation Neurorehabilitation Chairs: XXX	ID208. Ke Feng, Thomas Yang and Shuzhen Luo. Autonomous Reinforcement Learning-Based Hip Exoskeleton Assistance for Mobility Enhancement in Older Adults
	ID 212. Xinyue Li and Takashi Watanabe. An Evaluation of Single-IMU-Based 3D Lower-Limb Joint Angle Estimation During Normal Gait of Healthy Subjects
	ID229. R. James Cotton. AI-Powered Biomechanics for Precision Rehabilitation
	ID281. Johann Ullrich and Isabel Wochner. Bio-Inspired Modeling of Spinocerebellar Pathways for Upper Limb Movement Simulation
AICM03 - Reconstructing the Self as Foundations of Next-Generation Neurorehabilitation Chairs: XXX	ID007. Matti Itkonen, Satsuki Yamauchi, Nima Hadavi, Jere Lavikainen and Qi An. A Virtual Reality Paradigm for Investigating Body Representation via Visuoproprioceptive Misalignment During Upper-Limb Movement
	ID027. Satsuki Yamauchi, Matti Itkonen, Shingo Shimoda and Hitoshi Hirata. Directional Visuoproprioceptive Mismatch Differentially Affects Body Ownership and Sense of Agency
	ID210. Tadamitsu Matsuda, Kei Kakegawa, Junya Ogawa, Yuki Soutome and Yui Fujino. Perceptual-Motor Discrepancy of Arm Swing During Gait in Parkinson's Disease: Implications for Body Schema
	ID350. Emiko Uchiyama and Kohei Kaminishi. Dynamic Change of the Body of Pregnant Women and Its Effects on Their Sense of Self and Physical Abilities

CMC01 - Quantitative Assessment and Intervention of Spasticity Chairs: XXX	ID013. Hamza Ahmed, Muhammad Abid Khan, Meeran Hasnain and Raman Kumar. Effects Of Instrument-Assisted Soft Tissue Mobilization vs. Neurodevelopmental Therapy on Motor Function in Children with GMFCS Level I and II Spastic Diplegic Cerebral Palsy
	ID095. Karien ter Welle, Alfred Schouten, Winfred Mugge, Jonathan van Zanen, Erwin van Wegen, Arno Stienen, Remco Timmermans, Carel Meskers and Mark van de Ruit. The ASSIST Study: Comprehensive Instrumented Neuromechanical Assessment of Elbow Spastic Paresis in Clinical Practice
	ID288. Chuanxin Niu, Jin Yan, Zhi Chen, Zeyu Wang, Siyu Yin and Qing Xie. Emulation of Spastic Motoneuron Spikes using a Neuromorphic Model of Spasticity (NEUSPA)
CMC02 - From Sensing to Action: Translational Perspectives on Proprioception in Rehabilitation Chairs: XXX	ID110. Han Gil Seo. Evaluation and Training of Upper Limb Proprioception: Focusing on Its Role in Neurorehabilitation
	ID168. Song Joo Lee. Assessment and Training of Lower-Limb Proprioception in Pivoting Direction
	ID371. Youngjoon Baek and Yong-Lae Park. From Inter-Segment Lengths to Joint Proprioception: A Wearable Sensing Approach for Multi-DOF Motion Estimation
CMC03 - The role of cycling limb movements in neurorehabilitation Chairs: XXX	ID407. Jaewon Beom. Functional Neuroanatomy and Measurement of Proprioception
	ID064. Kevin Power and Ibrahim Refai. Arm Cycling as a Translational Model of Locomotion: Modulation of Neural Excitability and Implications for Neurorehabilitation
	ID149. Jozsef Laczko, Balazs Radeleczki, Boglarka Rigo and Mariann Mravcsik. How hybrid FES cycling training may shape joint coordination during walking in patients with incomplete spinal cord injury
CMC04 - Technological Advances in Assessment of Lower-Limb Motor-Rehabilitation Interventions Chairs: XXX	ID255. Claudio Pizzolato, Dinesh Palpana, Kyle Mulholland, Alastair Quinn, Yana Salchak, Isabella Faranda, Calum Eastwell, Evan Jurd, Kelly Clancy, Ezekiel Duffy, Claire Crossley, Nathan Lyons, Matthew Carrall-Worsey, Malik Mannan, Matthew Hambly and David Lloyd. Multimodal lower limb cycling improves upper limbs clinical scores and reduces spasticity in people with chronic spinal cord injury
	ID292. Thomas W.J. Janssen, Glen M. Davis, Kristin E. Musselman, Ines Bersch-Porada, Ashraf S. Gorgey, Kristen Walden, Chester Ho and Hope Jervis-Rademeyer. Standardizing FES Cycling for Spinal Cord Injury: Development of an International Clinical Practice Guideline
	ID075. Peter Barrance, Guang Yue, Bing Yao, Glenn Wylie and Gail Forrest. Muscle functional MRI of quadriceps activation in healthy participants: implications for spinal cord injury
NIS01 - From Brain to Spinal Cord: Neuromodulation technologies driving recovery Chairs: XXX	ID158. Kiran Karunakaran, Guang H Yue and Easter Suviseshamuthu. Evaluating Postural Stability and Balance in TBI Using Accelerometry
	ID159. Easter Suviseshamuthu, Guang H Yue and Kiran K Karunakaran. Association Between Perturbation-Based Muscle Activation Onsets and Balance Function in TBI
	ID297. Vikram Shenoy Handiru, Jalen Winfield, Easter Selvan Suviseshamuthu, Elisa Kallioniemi, Christina Dandola, Kimberly Kesten and Guang H. Yue. TMS-EEG Markers of Balance Impairment in Stroke and TBI
NIS02 - Synergy-Based new therapies and interventions for Motor Recovery After Stroke Chairs: XXX	ID092. Claudia Angeli, Steven Kirshblum and Gail Forrest. Voluntary Movement Improvement following Motor-specific Training with Epidural Stimulation in SCI
	ID133. Sergey Bordovsky, Renata Murtazina, Sergey Andreev, Kseniya Shevtsova, Oksana Zinchenko and Vladimir Parfenov. Transcranial direct current stimulation in Parkinson's
	ID348. Karen J. Nolan, Gregory R. Ames, Sharon Franco, Mitchell Tillman and Arun Jayaraman. Transcutaneous Spinal Stimulation & Gait Training Improves Functional Ambulation in Chronic TBI
NIS03 - Revolutionizing Hand Prosthesis by Restoring Biorealistic Sensorimotor Functions Chairs: XXX	ID382. Fan Zhang, Manikandan Ravi, Manan Ajaria and Gail Forrest. Linking Targeted Transcutaneous Spinal Stimulation Responses to Upper Limb Function in Chronic Cervical Spinal Cord Injury
	ID401. Ghaith J. Androwis, Guang H. Yue and Steven Kirshblum. Network-Targeted Electromagnetic Neuromodulation Improves Upper Limb Function in Chronic Spinal Cord Injury
	ID034. Jackson Levine, Xin S. Yu, Rebecca Muñoz, Alaina Fiorenza, Emilia Ambrosini, Simona Ferrante, Elliot Roth, Jozsef Laczko, Alessandra Pedrocchi and Jose L. Pons. Synergy-based FES gait training enhances endurance in pilot study
NIS04 - Reawakening the Spinal Cord: Transcutaneous Spinal Cord Stimulation for Motor Recovery Chairs: XXX	ID177. Xiaoyu Guo, Kelvin Y.S. Lau, Roy T.H. Cheung, Ning Lan, Rosa H.M. Chan and Vincent C.K. Cheung. Longitudinal Changes of Muscle Synergies for Walking Induced by Synergy-based Functional Electrical Stimulations in Chronic
	ID342. Manuel Portilla-Jiménez, Sean Chakraborty, Supraja Vaidhyanathan, Gang Seo, Yoon No Gregory Hong, Michael Houston, Sheng Li, Hyung-Soon Park, Yingchun Zhang, Martina Coscia and Jinsook Roh. Muscle Synergy-Guided Exercise Facilitates Spinal Motoneuronal Plasticity in Stroke: A Pilot Study
	ID390. Geng Li, Robert Salati, Spencer Williams, Shuo-Hsiu Chang, Jose Pons, Gerard Francisco and Benjamin Fregly. Clinical Limitations of Personalized Synergy-based FES Treatment for Post-Stroke Walking: A Predictive Simulation Study
NIS05 - Implantable BCIs to Restore Neurologic Function and Enhance Neurorecovery Chairs: XXX	ID011. Xuhui Hu, Jiachen Zhang, Zhikai Wei, Aiguo Song and Dosen Strahinja. Continuous Force Feedback Outperforms Vibrotactile in Closed-Loop Control of Myoelectric Prostheses
	ID029. Xueqian Liang, Xiaodong Na, Wei Cao, Tianzhe Bao and Benzhen Wei. A Hybrid Multi-Scale Transformer for sEMG Gesture Recognition
	ID042. Liang Wenyuan, Xie Anran, Tian Lan, Chendi Liang, Bi Sheng and Ning Lan. Non-Invasive Sensory Feedback via Evoked Tactile Sensation Enhances Prosthetic Sensorimotor Performance
NIS04 - Reawakening the Spinal Cord: Transcutaneous Spinal Cord Stimulation for Motor Recovery Chairs: XXX	ID057. Qiyun Tan, Guanglin Li and Peng Fang. Reconstruction of Sensory Feedback for Upper-limb Amputees by Transcutaneous Electrical Nerve Stimulation
	ID019. Jose Gomez Tames. Preliminary Evaluation of Anatomy-Robust Optimization for Transcutaneous Interferential Spinal Cord Stimulation
	ID022. Mitchell Tillman and Arun Jayaraman. Transcutaneous Spinal Cord Stimulation-Augmented Treadmill Gait Training in Chronic Stroke: Single-Session and Preliminary Longitudinal Effects on Step Length
NIS05 - Implantable BCIs to Restore Neurologic Function and Enhance Neurorecovery Chairs: XXX	ID026. Arun Jayaraman. Transcutaneous Spinal Cord Stimulation for Pediatric Cerebral Palsy
	ID346. Karen J. Nolan, Gregory R. Ames, Sharon Franco, Mitchell Tillman and Arun Jayaraman. Transcutaneous Spinal Stimulation & Gait Training Enhances Spinal Motor Network Excitability in Individuals with TBI
	ID381. Akhil Bheemreddy, Einat Engel-Haber, Mehmed Bugrahan Bayram, Manikandan Ravi, Manan Anjaria and Gail F. Forrest. Neuromodulation of Blood Pressure and Motor Activation Response
NIS05 - Implantable BCIs to Restore Neurologic Function and Enhance Neurorecovery Chairs: XXX	ID078. Leigh Hochberg. Neuroscience of iBCIs and an Introduction to BrainGate
	ID086. Sergey Stavisky and Nicholas Card. High performance speech neuroprostheses
	ID098. Kushaal Rao, Henry Jenkins, Jacob Gusman, Maarten Ottenhoff, Ruixiang Li, Alexander Acosta, Lucille Panagos, Andrew Dempsey, Shane Allcroft, Emilia Mann, James Arnold, David Pont-Esteban, Harrison Young, Umut Civici, Connor McCann, Conor Walsh, Daniel Rubin, John Simeral, Carlos Vargas-Irwin and Leigh Hochberg. Controlling Soft Robotic Systems Using an Implantable Brain Computer Interface
NIS05 - Implantable BCIs to Restore Neurologic Function and Enhance Neurorecovery Chairs: XXX	ID286. Abidemi Ajiboye, Emily Graczyk and Jennifer Sweet. Neural Interfaces for Sensorimotor Restoration after Tetraplegia

CTIT01. Remote Palpation & Human-Look-Through Tele-Exams: Extending Clinical Touch with Sensory-Intelligent Robotics Chairs: XXX	ID114. Shotaro Okajima, Riku Kawabata and Shingo Shimoda. Development of Platform for Distributed and Multimodal Real-Time Measurement and Visualization of Human Movement and Biosignals
	ID144. Hiroki Yokoyama, Michiro Yamamoto and Shingo Shimoda. Impact of Remote palpation Using Contact Reality Interface on Patient Satisfaction in Telemedicine
	ID252. Riku Kawabata, Shotaro Okajima, Clara Sanz-Morère, Juan Moreno, Akinori Nagano, Daisuke Tonari, Hisaki Makimoto, Tomokazu Shimazu, Qi An and Shingo Shimoda. A Wearable Force Plate Enables Real-World Ground Reaction Force and Center of Pressure Measurement
	ID362. Eric Perreault and Mahdi Ebrahimkhani. Toward Quantitative Remote Palpation: Ultrasound-Based Estimation 3D Mechanical Properties In Vivo
CTIT02. Mechatronic ankle foot orthoses – novel concepts and barriers to translation Chairs: XXX	ID065. James Flack, Mengnan Wu and Tom Verstraten. Enabling Flexible Shaft Remote Actuation in Wearable Robotics via a Novel Conduit Design
	ID118. Eduardo Saman, Andrea Baroni, Mariagrazia Buongiorno, Gabriele Perachiotti, Giulia Fregna, Sofia Straudi, Giacomo Severini and Jose González. What factors determine the success of orthoses? A multidimensional approach for
	ID122. Aurora Silanos, Eduardo Saman, Viktor Högig, Jose González-Vargas and Giacomo Severini. Ankle-Foot Orthoses: State of the Art and Market Analysis
	ID173. Hangeol Song, Matthew Lerner, Aaron Young and Gregory Sawicki. Biomechanics Data-Driven Design of a Lightweight Cable-driven Ankle Exoskeleton for Task-Agnostic Community Ambulation
	ID392. Ivan Vujaklija, Jonathan Do, Madalina Moscu and Marta Mirkov. Towards Context-Aware Multimodal Interface for Truly Wearable Mechatronic Ankle-Foot Orthosis Control
RWR06. The future of neurorehabilitation: collaborative robotics to support the continuum of care Chairs: XXX	ID185. Seong-Hoon Lee and Won-Kyung Song. Force-Field Effects on Bimanual Robotic Reaching Training: A 4-Week Single Case Study
	ID226. Jia Quan Loh, Vincent Crocher, Marlena Klac, Denny Oetomo and Ying Tan. Learning Personalised Physical Patient-Therapist Interactions towards Varying Task Conditions in Neurorehabilitation
	ID285. Jacqueline L Mair, Alexandra Retevoi, Akshaye Shenoi, Giada Devittori, Tobias Kowatsch and Olivier Lamercy. Promoting adherence to home-based stroke rehabilitation through LLM-based motivational coaching agents
RWR07. More Therapy at Home: Opportunities and Challenges of Neurorehabilitation Technologies Chairs: XXX	ID049. Hao-Ping Lin, Hsiao-Ju Cheng, Simone Kager, Anoop Sinha, Irina Hungerbuehler, Christopher Kuah, Chwee Yin Ng, Tegan Plunkett, Megan Si En Lau, Sijie Lin, Chi Onn Tang, Flizah Sumartono, Jia Ying Yee, Roger Gassert, Karen Chua, Nicole Wenderoth and Olivier Lamercy. Feasibility of the Technology-Assisted Rehabilitation Gym for at-home Training (TARGeT) Trial for Stroke Survivors
	ID051. Giada Devittori, Daria Dinacci, Antonella Califfi, Claudio Pettillo, Paolo Rossi, Roger Gassert and Olivier Lamercy. Unsupervised robot-assisted upper-limb therapy at home after stroke: feasibility and challenges
	ID82. Gyeong Jeong, Kyu Bum Kim, Joon-Ho Shin, Daekyum Kim and Kyu-Jin Cho. A Vision-Based Intention Detection Framework for Multi-Object Scenarios using Wearable Robotic Hand
	ID106. Natalie Tanczak, Tegan Kate Plunkett, Sijie Lin, Megan Lau, Christopher Wee Keong Kuah, Chwee Yin Ng, Karen Sui Geok Chua, Roger Gassert and Olivier Lamercy. Evaluation of the immediate functional effect of a soft robotic hand exoskeleton for assisting activities of daily living after stroke
	ID261. Seungmin Ye, Hyung-Soon Park and Yejoon Kim. Home-Based Closed-Loop Hand Rehabilitation System with Intention Recognition, Cable-Driven Actuation, and FES