

Poster Sessions

Thursday 21

ID	Author	Title
PO-1	Ana De los Reyes-Guzmán	Preliminary study on the validation of Leap Motion Controller in tetraplegic patients
PO-2	Elisa López Dolado	Evidence for altered upper limb muscle synergies in cervical spinal cord injury patients
PO-3	Simone Fani	Wearable Haptics: Towards a Novel Paradigm of Human-Robot Communication for Assistive and Rehabilitation Robotics
PO-4	Jesús M. Gómez-Manchón	Advances in actuators for lower limb exoskeletons: a review of VSA's
PO-5	Aravind Nehru	A Plug-and-Train Robotic Kit for Hand Rehabilitation- Preliminary Design
PO-6	Sigrid S.G Dupan	Influence of myoelectric control on finger muscle activation patterns
PO-7	Vi Do Tran	Effects of Wrist Robot-assisted Rehabilitation on Proximal Upper Limb Segments Recovery in Subacute Stroke Patients: A Preliminary Results
PO-8	Dorin Copaci	EMG based control for elbow joint SMA exoskeleton
PO-9	Irene De Orbe	Natural management of assistive exoskeleton with crutches

Friday 22

ID	Author	Title
PO-1	Itzel Rodríguez	Grasp force estimation from EMG during pick & lift
PO-2	Pouyan Mehryar	Do activation & synergy of above knee amputees' intact leg change?
PO-3	M ^a del Carmen Sánchez Villamañán	Soft Tissue and Physical interface affect human-robot interaction in lower limb exoskeletons
PO-4	Nicola Lotti	Muscle model geometry estimation through EMG and kinematic signals
PO-5	Álvaro Bertelsen and Camilo Cortés	Cyber-physical system for exoskeleton-based rehabilitation of gait disorders
PO-6	Alessia Nocco	Validation and comparison of two alternative teleoperated control approaches for anthropomorphic manipulator using magneto-inertial and electromyographic sensors
PO-7	Luis Felipe Aycardi Cuellar	EksoWalker: A new robotic platform for gait rehabilitation
PO-8	Natalia M Lopez	Technology Assisted Neurorehabilitation as collaborative Project
PO-9	Arantzazu San Agustín	Transcranial Magnetic Stimulation as a tool for Memory Enhancement Research