2018 SUMMER SCHOOL ON NEUROREHABILITATION

POSTER PRESENTATIONS		
PO-1	**Auberger Roland**	*Design and Control of Lower Limb Exoskeletons for Everyday Life*
PO-2	**Barberi Federica**	*EMG-based online decoding of motor tasks in amputees: a pilot study*
PO-3	**Barroso Filipe O.**	*Decoding intracortical activity to predict rat locomotion*
PO-4	**Baylo Marín Olaia**	*Why is rehabilitation so difficult? Long term evaluation of skilled hand function recovery in rats with cervical Spinal Cord Injury*
PO-5	**Cherif Amel**	*Postural stability assessment with an EMG-driven haptic interface*
PO-6	**Eladly Ahmed**	*The Need for Studying the Biocompatibility and Safety of Biomimetic eAXON Neuro-prosthetic Systems*
PO-7	**Ferrari Francesca**	*The vibration-induced proprioceptive illusions: analysis of the parameters that affect the sensation*
PO-8	**Flux Eline**	*Validation and Repeatability of Online Reflex Activity Measures*
PO-9	**García Guillermo**	*State-dependent modulation of brain-to-spinal cord connectome*
PO-10	**Liu Xiuhua**	*Recognition of STS transitions with a knee exoskeleton in transparent mode*
PO-11	**Lou Yu**	*IMU-Based Gait Phase Recognition for Stroke Survivors: Preliminary Results*
PO-12	**Martínez Expósito Aitor**	*Brain activity dependent neuroprosthetic for cycling task in stroke patients: Feasibility study*
PO-13	**Martini Elena**	*A haptic Bidirectional Interface for gait rehabilitation of transfemoral amputees*
PO-14	**Mugnosso Maddalena**	*Coupling robotic task and sEMG to assess muscle fatigue*
PO-15	**Muñoz Zapata Fernando Jorge**	*Muscle synergies for motor control evalua-tion*

PO-16	**Pascual Alejandro**	*Motor inhibition elicited by electrical stimulation of afferent pathways and its application in tremor suppression*
PO-17	**Pasquini Maria**	*Development of innovative robotic devices for rehabilitation on animal model of neuromotor injuries*
PO-18	**Penalver-Andrés Joaquín**	*EEG-based adaptation of novel neuro-rehabilitation therapies: Detecting the level of task understanding*
PO-19	**Pinto Fernández David**	*A review of human locomotion databases: preliminary results*
PO-20	**Pisotta Iolanda**	*The NISCI Project.Antibodies against Nogo-A to enhance plasticity, regeneration and functional recovery after acute spinal cord injury, a multicenter European clinical proof of concept trial*
PO-21	**Polese Davide**	*MEPs data analysis in corticospinal track stimulation*
PO-22	**Rodrigues Camila**	*Proposal of a Stackable Functional Electrical Stimulation System Device*
PO-23	**Rodríguez Cañón María**	*Characterization of the temporal recruitment of forelimb muscles during reaching and grasping by an EMG analysis.*
PO-24	**Sánchez Villamañán Mª Carmen**	*Mechanical Design of a Novel Semi-Active Hybrid Unilateral Stance Control Knee Ankle Foot Orthosis*
PO-25	**Sanz Morère Clara Beatriz**	*Adaptive biologically-inspired control strategies for active knee orthoses*
PO-26	**Soto León Vanesa**	*Study of the effects of stimulation with static magnetic fields in the nervous system central*
PO-27	**Suciu Diana**	*Recording Neural Signals of Breast Cancer*
PO-28	**SUN Shelly Pi-Hsaia**	*Upper Body Motion Recognition for A Dynamic Brace*
PO-29	**Tayeb Zied**	*Hybrid brain-computer interfaces for intelligent neuroprostheses*
PO-30	**Tello Emanuel Bienvenido**	*Differential geometry of curves applied to trajectory modeling and identification*
PO-31	**Tortora Stefano**	*Synergy-based Classification to Anticipate Reaching Direction. Identification in Stroke subject for Robotic Arm Teleoperation*

PO-32	**Usama Nayab**	*Detection of error-related potentials: A framework for self-calibrating brain-computer interfaces*
PO-33	**Vallejo Marta**	*Machine Learning techniques for Motor Imagery*
PO-34	**van Staveren Eline**	*MyLeg*
PO-35	**Vázquez Díez Juan**	*Effect of FES on gait speed in chronic stroke patients*
PO-36	**Xu Dongfang**	*Muscle Redistribution Surgery Based Capacitive Sensing for Upper-limb Motion Recognition: Preliminary Results*
PO-37	**Yamagami Momona**	*Quantification of deficits in motor planning in cerebral palsy*
PO-38	**Zamorano Cristina**	*ARCHITECTURE OF THE SPINAL NETWORKS INVOLVED IN TASK SPECIFIC MOTOR CONTROL*
PO-39	**Zarei Asghar**	*Investigation of Cortical Plasticity for Healthy Subjects and People Experiencing Phantom Pain*