



2024  
 SUMMER SCHOOL ON  
**SSNR NEUROREHABILITATION**

Jun/5/24 @ 22:24p

**SSNR2024 Student Oral Presentations**

Day	Oral Timeslot	Name	Title
Jun/17/Mon	11:45-12:00	Julia Manczurowsky	Self-Assistance by a Passive Exoskeleton Can Speed Adaptation
	12:00-12:15	Julia Peladeau	Prediction of upper limb kinematics during movement using an exoskeleton
	12:15-12:30	Jaime Ramos	Conceptual Design of a pseudo-stationary Gait Rehabilitation Robot
Jun/18/Tues	11:45-12:00	Ermytrude Adjei	Task-induced Modulation of Reticulospinal Tracts' Use
	12:00-12:15	Margaret Sereika	Determine Whether Norepinephrine Amplifies the Use of Indirect Motor Pathways
	12:15-12:30	Nirvik Sinha	Cerebellar output to the motor cortex facilitates beta band suppression during movement preparation
Jun/19/Wed	11:45-12:00	Gianmarco Cei	Tactile Flow in the Dermis enables Haptic Softness Discrimination: a Finite Element demonstration
	12:00-12:15	Eleonora Fontana	Quantifying Skin Stretch for Enhanced Haptic Feedback in Hand Grasping Tasks
	12:15-12:30	Thomas Pomponio	A General Method for Dimensioning Antagonistic, Artificial Muscles
Jun/20/Thurs	11:45-12:00	Carmen Ballester Bernabeu	Measuring Ankle Pronosupination in Children with Cerebral Palsy using a Novel Wearable Sensor
	12:00-12:15	Hendrik Dewald	Can Eliminating Abnormal Wrist and Finger Flexor Activity in Chronic Stroke Improve Hand Opening Ability?
	12:15-12:30	Nish Mothith Kurukuti	Closed-loop sensory peripheral nerve stimulation provides tremor suppression by decreasing tremorgenic drive to the wrist extensors and flexors in Essential tremor
Jun/21/Fri	11:45-12:00	Víctor Muñoz	Improving Machine Learning Modeling of Wearable Sensors
	12:00-12:15	Mounika Pasavula	ENHANCING HIP EXTENSION MOMENTS DURING GAIT INITIATION FOR STUDYING ABNORMAL HIP EXTENSION -ADDITION COUPLING IN STROKE
	12:15-12:30	Mohammed Raiz Shaffique	What are Physical Assistant Robots? A rapid evidence review to make a case for clearer definitions.