

Workshop Programme

Day 1: July 17th
(Pre Congress Workshop Day)

Workshop Session 1 (8:30 - 10:00)	Functional Electrical Stimulation (FES): On the Road to Personalized Intervention	Mechanical Impedance and its Role in Rehabilitation	Out-Patient Treatment as Lifetime Care – Working Towards a Total Solution in Rehabilitation 	What Do We Want From Technology-Driven Sensorimotor Assessments? – A Multistakeholder Discussion	Advanced Technologies in Neurorehabilitation 	Do the Medical Device Regulations Limit Innovation in Rehabilitation?	Assessing and Optimizing Human Robot Interaction in Wearable Robotic Devices	Towards a Next Generation of Wearable Robotic Devices for Human-oriented Assistance and Therapy
Coffee Break (10:00 – 10:45)								
Workshop Session 2 (10:45-12:15)	FES Exercise for Health and Fitness Benefits: The State of Art	Better Together: Workshop in Interpersonal Rehabilitation Gaming	In-Patient Treatment From Injury to Discharge – Working Towards a Total Solution in Rehabilitation 					
Lunch (12:15 – 13:45)								
Workshop Session 3 (13:45-15:15)	Future Directions for Functional Electrical Stimulation and Foot Drop	Human-robot Synchronization for Assistive Technologies	Case studies in Neurorehabilitation Using Functional Electrical Stimulation 	Brain Computer Interface and Functional Electrical Stimulation for Rehabilitation of Movement			Technology in Rehabilitation of Gait and Balance	
Coffee break (15:15– 16:00)								
Workshop Session 4 (16:00-17:30)	Novel technologies & Natural Sensory Feedback for Phantom Limb Pain Modulation and Therapy		Making Strides in Neurological Rehabilitation Using Exoskeleton Technology	Neurorehabilitation Based on Novel Electromyographic Metrics for FES and Assistive Technologies			Wearable Technology for Gait Assessments in Healthy Individuals and Patients with Movement Disorders	Making the Most of Technology in Neuro-Rehabilitation

