

SABI2020

22 CONGRESO DE BIOINGENIERÍA
II JORNADA DE INGENIERÍA CLÍNICA

4 al 6 de marzo de 2020
Argentino Hotel
Rambla de los Argentinos
20.200 Piriápolis, URUGUAY
www.sabi2020.com



SABI2020

Sesión 8 - Ingeniería de rehabilitación (aportes)

Moderadores: Carolina Tabernig y Florencia Peirano

Jueves 5 de marzo, de 15:00 a 16:45 - Sala Jardín

Trabajos aceptados: 10

Presentaciones orales

Horario de presentación	Nº	Título	Autores
15:00 - 15:15	16	Motor Imagery in Time-Frequency Domain Classified with Convolutional Neural Network	Matheus Mussi, Marilda Spindola and Patric Marques
15:18 - 15:33	45	Lower limb motor intention: ERD time-course analysis in stroke and healthy subjects	Brigitte Aguilar Gonzalez, L. Carolina Carrere and Carolina Tabernig
15:36 - 15:51	52	Comparison of feature extraction methods in EEG-based brain computer interfaces	Aldana Roberts González, Francisco Guaita, Maximiliano Rossi, Carolina Tabernig and Rubén Acevedo
15:54 - 16:09	170	Description of short-term motor changes in upper limb rehabilitation through serious game: preliminary study	Alejandro Rodrigo, Emanuel Tello, Fernando Acosta, Matías Salvá, Jose Ruiz, Elisa Perez, Ricardo Armentano and Natalia M. López
16:12 - 16:27	219	Diseño y validación de un Exoesqueleto para extremidades inferiores	John Calle, Christian Feican and César Saquicela
16:30 - 16:45	234	Metabolic quantification 18F-DOPA in PET-MRIscans of patients with Parkinson's disease	Zahira Abdala, Emiliano Marino, Roberto Isoardi, Manuel Guirao, Juan Pablo Graffigna and Rocío Buenamaizon

Pósters

Nº	Título	Autores
9	Postural adaptation after isolated sensorial stimulation by virtual reality technology in parkinson disease	Pilar Michelini, Enrique Ferreira and Hamlet Suárez
145	Detection of ERD in EEG-based brain computer interfaces using wavelet transform and empirical modal decomposition	María Del Rosario Toffoli González, Aldan I. Roberts Gonzalez, Roberto Sánchez Amador, Carolina B. Tabernig and Rubén C. Acevedo
146	Can the Wii Balance Board be used for rehabilitation assessment and scientific purposes?	Facundo Urteaga, Cielo Godoy, Yanina Atum, Ricardo Rettore, José Biurrun Manresa and Christian Mista
158	Customized assistive devices for students with neuromuscular disabilities produced with 3D printing technologies	Melina Belén Zapata, Juan Beret, Natalia Suarez, Mathias Rosas and Leonardo Nicola Siri

15 de febrero de 2020

