



## SABI2020

### Sesión 6bis - Instrumentación, sensores

Moderadores: Diego Beltramone y Julián Oreggioni

Miércoles 4 de marzo, de 10:15 a 12:00 - La Fontana

Trabajos aceptados: 12

#### Presentaciones orales

Horario de presentación	N°	Titulo	Autores
10:15 - 10:30	81	Paper-based microfluidic device for electrochemical glucose determination	Roberto Ezequiel Chaile, Carla Belén Goy, Daniela Estefania Barraza, Fernando Ashur Ramallo and Rossana Elena Madrid
10:33 - 10:48	213	Study and development of controllers for integration in hand prostheses	John Calle, Santiago Tenesaca and Ronny Tituana
10:51 - 11:06	207	Washing effect on textile electrodes functionality for body impedance measurement	Luz Stipechi, Theo Rodriguez Campos, Carla Goy, Juan Olivera and Myriam Herrera
11:09 - 11:24	112	Localizing the epileptogenic zone network through epileptogenicity map	Rocio Belén Buenamaizón, Juan Pablo Graffigna, Alfredo Rogelio García, Raúl Otoya and Omar Urquizu
11:27 - 11:42	184	Vibro-tactile Cueing Device Remotely Controlled for Rehabilitation of Patients with Parkinson's Disease	Andressa Helena Melo Costa, Fabian C. Forero, Jorge E. B. Rodriguez, Juliano A. Pires, Marcelo A. A. Sanches and Aparecido A. de Carvalho
11:45 - 12:00	19	A wearable low-power and low-cost electromyographic sensor for arm prosthesis	Marcelo Haberman, René Ayoroa, Eustaquio Alcides Martínez, Daisy Kang, Clara Almirón, Rocío Madou, Matías Oliva and Valentín Andrés Catacora

#### Pósters

N°	Titulo	Autores
49	Electromyography sensor for wearable multi-channel platform	Valentín Andrés Catacora, Federico Nicolás Guerrero, Marcelo Alejandro Haberman and Enrique Mario Spinelli
60	Temporal dynamic in theselectivity to motion direction in V1 neurons	Jorge Soletta, Alvaro Piza, Facundo Lucianna, Leonardo Cano, Fernando Farfán and Ana Albarracín
85	Wearable Estimation of Central Aortic Blood Pressure: Feasibility Study.	Germán Fierro, Ricardo Armentano and Fernando Silveira
93	Aplicación de Speckle Láser Dinámico para el monitoreo microbiológico de muestras de agua	Marcelo Guzmán, Melina Nisenbaum, Estefany Cujano Ayala, Marcelo Trivi, Silvia Murialdo and Lucía Isabel Passoni
206	Bed presence detection of an older adult using an accelerometer	Diego Vega, Pablo Reyes, Sebastián Lobos and Alejandro Weinstein
216	Optimization of different methods and strategies for the regeneration of an electrochemical immunosensor	Yanina Etel Puertas and Rossana Elena Madrid

