



SABI2020
Sesión SABI2020 Estudiantil
Moderadores: Lucas Baldezzari y Darío Santos
Viernes 6 de marzo, de 10:15 a 12:00 - La Fontana
Trabajos aceptados: 26

Pósters		
N°	Titulo	Autores
15	Mobile phone radiation and brain cancer at the dawn of the 5G era	Alicia Schandy and Franco Simini
43	Identification of new medical equipment acquisition needs. A case study: Urinary tract malformations	N. Hiram Castro-Orozco, Fernanda Piña-Quintero and Martha Ortiz-Posadas
48	Low cost Bioimpedance Applications: a solution to the .csv files problem for the AD5933EB	Alejandro Agustín Alvarez, Sergio Dario Maciel, Ignacio Ariel Perez, Brian Ariel Rigoni and Antonio Dell'Osa
53	Pulse Wave Velocity Calculation in an Elastic U-Shaped Tube Using Computational Fluid Dynamics (CFD)	Damian Deza, Federico Guilenea, Ariel Pascaner, Mariano Casciaro and Damian Craiem
57	A new method for optimizing polarization point in electrochemical impedance based measurements	Paula Nanni, Martin Zamora, Carla Goy, Rossana Madrid, Carmelo Felice and Gabriel Ruiz
63	Software development and implementation for swimming activity analysis in an animal model of hemiparkinsonism	Maria Paula Bonaccorso Marinelli, Franco Emiliano Nieto Grimalt and Cabrera Ricardo
64	Semiautomatic tool for segmentation of hearts with congenital pathologies	Agustina María Claudia Thibaud Poretti, Mariano Ezequiel Casciaro, Ignacio Lugones, Hyon Ju Choe and Damian Craiem
72	Método de detección de ciclo cardíaco utilizando un canal de ECG y Red Neuronal para detección de Isquemia	Josefina Bompensieri, Gustavo Vinci and Daniela Andres
91	Catechol detection by using admittance measurements	Carmelo Jose Felice, Martin Zamora, Anna Leticia Soares, Matias Trujillo, Gabriel Ruiz and Rossana Madrid
96	Steady state visually evoked potential: Cortical frequency response in healthy subjects	Gerardo Luis Padilla, Jorge Soletta and Fernando Daniel Farfán
105	Methodology of an interdisciplinary approach for introducing students to bioengineering	John Alejandro Hernández Mora, Oscar Rojas and Laura Perdomo
106	Indication of cocaine consumption based on cardiac and thermal measurements	Agustin Nahuel Quiroga Baigorri, María Silvina Moyano, Gabriel Quintero and Pablo Yoshin Teruya
111	3D Printing of Tracheal Implant using Hydroxyapatite and Polycaprolactone	Valeria Itrat Herrera, María Agustina Amilibia, Carlos Oldani, Alfredo Corominas and Victor H. Defago
114	Diseño e implementación de un prototipo de simulador virtual para el entrenamiento en cirugía laparoscópica	Milagros Ariadna Belén Cortez, Ivo David Placereano Ferrucci and Mathe Ladislao
125	Sonoro: Device for stimulated rehabilitation of patients with cerebral palsy	Lorenzo Tell, Gabriel Sosa and María Tolaba
130	Numerical theoretical model epidemics with stochastic parameters	Luis Jose Batta Salguero and Eugenio Antonio López Azuaje
133	Machine learning by means of electrical impedance spectroscopy measurements for the classification of upper limbs.	Gerardo Ames-Lastra, Antonio H. Dell'Osa and Alberto Concu
136	EIS: A simple and accurate method for indirect measurement of anthropometric variables of obese patients	Valeria Corsale, Antonio Dell'Osa, Alberto Concu and Fernanda Velluzzi
143	Primeros cálculos para tratamiento de Psoriasis usando radiación UVB solar	Wagner Mauricio Obando Rosero and Graciela Salum
156	Cost reduction in medical care with the incorporation of 3D printing technologies	Natalia Suárez Bell
159	Mask for measuring bruxism in a non-invasive way	Frida Paola Piña Orlaineta, Adrián Arroyo Gutiérrez and Ana Teresa Alfaro Arteaga
166	"Software development for obtaining facial biotype in students of the biomedical engineering degree at the University of La Salle Bajío through soft tissue analysis"	Lizbeth Mejía Gómez, Maricruz Rodríguez Martínez, Diana Deneb Sánchez Salas, Federico Aguayo Rios and Solange Ivette Rivera Manrique
176	Gestual medical Image controller in the operating room	Pablo Gabriel Gonzalez and Santiago Lana
185	Recognition Ultrasound Systems for assisting Blind People	Maicol Peterson Gandolphi de Almeida, Giovanni Gueler Dalvi, Pedro Bertemes and Ricardo Cavalieri
212	Herramientas computacionales para mejorar los procesos entre proveedores y entidades de salud	Maria Isabel Botero Henao, Juan Gonzalo Zuluaga Botero and Carolina Sierra Restrepo
214	Systematic Mapping of Hypertension Monitoring Systems	Carolina Villegas Colmán and Cynthia Villalba

14 de febrero de 2020

