

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 10 - Modelos y simulaciones

Moderador: Fernando Farfán

Jueves 5 de marzo, de 15:00 a 16:45 - **Salón Dorado**

Trabajos aceptados: 12

Presentaciones orales

Horario de presentación	N°	Título	Autores
15:00 - 15:15	25	Model for Bayesian Networks Conversion from Summary-Based Health Ontologies	Diego Pinheiro, Sandro Rigo, Marta Rosecler Bez and Blanda Mello
15:18 - 15:33	92	Estimación de la Presión Sistólica Central: Selección de predictores y comparación de modelos de aprendizaje estadístico	Nicolas Ariel Aguirre, Leandro Javier Cymberknop, Edith Grall and Ricardo Luis Armentano
15:36 - 15:51	190	Modeling the electrical activity in myelinated nerve fibers: Towards the electrophysiological validation of neuronal bridges	Nilda Maria De Marco, Maria Cecilia Socci, Carla BelenGoy, Ana Lia Albarracín, Carmelo JoseFelice and Fernando Daniel Farfan
15:54 - 16:09	148	MIMO system transfer functions in the study of cardiac dynamics	Carlos Alvarez Picaza
16:12 - 16:27	167	Tumor Growth Simulation in Breast Cancer Described by Ordinary Differential Equations Interpreted by SERVOGLU	Maria Velasco Pineda and Solange Ivette Rivera Manrique
16:30 - 16:45	117	Serious Games for Daily Activities, Remot: AVD	Emanuel Tello, Daniela Pedrozo, Adrián Rodríguez, Alejandro Rodrigo and Elisa Perez

Pósters

N°	Título	Autores
7	Analysis of electrical current distribution in the thorax during radiofrequency cardiac ablation: Preliminary results from a 2D computer model	Ramiro Miguel Irastorza, Ana González Suárez and Enrique Berjano
131	Design of a Real-time Biosignal Collection and Storage System	Maria Cecilia Argibay, Mauricio Brunner, JoaquinBurgan, Jorge Garbino, Sonia Benitez and Daniel Luna
160	Program for measuring the thermal effects of Cardiac Catheter Cryoablation Therapy in Pulmonary Veins	Paulina Bernal and Solange Rivera
186	Functional characterization of an artificial urinary sphincter using finite elements method – In vivo study	Diego Mauro Pojmaevich, Agustin Tomás Brunazzo, Agustina Giuliodori, Alejandro AnibalDominguez and Juan Pablo Gigli
227	Using Model Driven Engineering approach to Model and Simulate the resistant structure of a heart valve made In Vitro	José Oscar Angelini
231	Mechanical model of the active scanning process in the rat vibrissal system	MoritzScharff, Facundo Adrián Lucianna, Alvaro Gabriel Piza, Ana Lia Albarracín, Jorge Alencastre Miranda and Fernando Daniel Farfan

21 de febrero de 2020



ORGANIZA:



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