Martes 28 de Octubre

			Full paper
			Short paper

9:30 - 9:40	Bienvenida y presentación de TLISC		
9:40 - 10:30	**Quantum Machine Learning & Classification**		
	The Variational Quantum Classifier from Qiskit Machine Learning Applied to the Classification of Pulsar Stars	Anna B. M. Souza, Clebson Cruz and Marcelo A. Moret	Full paper
	Quantum kernels for classifying dynamical singularities in a multiqubit system	Diego Tancara, José Fredes and Ariel Norambuena	Ya publicado
	Variational Quantum Models for Knowledge Graph Embeddings on NISQ Devices	Guido Bellomo, Martín Santesteban, Patricio Bruno, Santiago Cifuentes and Gustavo Martín Bosyk	Short paper
10:30-11:00	Coffee break		
	Quantum Software Engineering		
	Automatic Qiskit Code Refactoring Using Large Language Models	José Manuel Suárez, Joaquin Bogado, Luis Mariano Bibbó and Alejandro Fernández	Full paper
	Abstractions and Modularity in Quantum Programs Design	Julio Hurtado, Wilson Libardo Pantoja Yepez, César Collazos, Jose Garcia-Alonso, Alejandro Fernández, Leandro Antonelli, Enrique Moguel and Luis Mariano Bibbó	Full paper
	Implementing Shor's 9-Qubit Code: Encoding, Decoding, and Correction on IBM and IONQ	Federico Fuidio, Mateo Stipanicic, Marco Zunino, Laura Gatti and Rafael Sotelo	Full paper
	QSimplify, menos es más: reducción de circuitos cuánticos	Víctor Mardones and Samuel Sepúlveda	Short paper
	* Charla Dardo Goyeneche		
13:00-14:30	Almuerzo		
	Keynote RUI ABREU + Debate		
16:00-16:30	Coffee break		
16:30 - 18:00	Sesión de Pósters		

Miércoles 29 de Octubre

9:30 - 9:40	Bienvenida		
9:40 - 10:30	**Quantum Algorithms**		
	A Review on Applications of Improved Quantum Genetic Algorithms	Luis Apablaza, Ivan Oyarzun, Ian Rossi and Mauricio Solar	Full paper
	Bridging Theory and Practice in Quantum Game Theory: Optimized Implementation of the Battle of the Sexes with Error Mitigation on NISQ Hardware	Germán D. Díaz Agreda, Carlos Duran Paredes, Mateo Buenaventura Samboni, Jhon Alejandro Andrade and Sebastian Cajas Ordoñez	Full paper
	A service for the parallelization of quantum circuits	Jaime Alvarado-Valiente, Javier Romero-Alvarez, Jorge Casco-Seco, Enrique Moguel, Jose Garcia-Alonso and Juan M. Murillo	Short paper
10:30-11:00	Coffee break		
	Quantum Quality & Management		
	A Survey on Fuzz Testing for Quantum Computing	Fernando Betanzo Sanchez	Full paper
	Quantum Resource Management in the NISQ Era: Challenges, Vision, and a Runtime Framework	Marcos Lammers, Federico Holik and Alejandro Fernandez	Full paper
	Q2SAR- A Quantum Multiple Kernel Learning Approach for Drug Discovery	Alejandro Giraldo, Daniel Ruiz, Mariano Caruso, Javier Mancilla and Guido Bellomo	Short paper
	* Experiencia Cauca (Grupo IDIS)		
13:00-14:30	Almuerzo		
	Keynote Renato Portugal + Debate		
16:00-16:30	Coffee break		
16:30 - 18:00	Reunión RIPAISC		