

DAY 2: Wednesday - May 14

Third International Conference of Applied Industrial Engineering

09H00 - 09H30	Master Speaker # 4 ONLINE	Phd. Manuel Álvarez Alvarado, Msc. TEMA: Evaluación de Riesgos Operacionales con mantenimiento inteligente de generadores de energía.			
09H30 - 10H00	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133		
	Moderator: Mariuxi Olvera/ Aldo Parrales		Moderator: Adriana Moreno/Denisse Zambrano		
	Speaker # 1 ONLINE	CIIA-2025-9 Framework for Energy Efficiency through Blockchain Ernesto Loján ECUADOR	Speaker # 1 ONLINE	CIIA-2025-6 Application of artificial neural networks for the detection and localization of faults in electrical distribution systems: A case study in the canton of La Joya de los Sachas Milton Cuenca, Karina Moreano, Erick A Lamilla-Rubio and Carlos Cuenca -ECUADOR	
10H00 - 10H30	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133		
	Moderator: Mariuxi Olvera/ Aldo Parrales		Moderator: Adriana Moreno/Denisse Zambrano		
	Speaker # 2 ONLINE	CIIA-2025-36 Impact on Cattle Welfare with IoT Technology and Statistical Data Analytics. Ricardo Molineros Meza, Ely Oyarzun Soares and Grace Katuska Viteri Guzmán - ECUADOR	Speaker # 2 ONLINE	CIIA-2025-8 Makespan Minimization in m-Machine Flow Shops with Time-Dependent Processing Times Alejandro Angarita and Ciro-Alberto Amaya - COLOMBIA	
10H30 - 11H00	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133		
	Moderator: Mariuxi Olvera/ Aldo Parrales		Moderator: Adriana Moreno/Denisse Zambrano		
	Speaker # 3 ONLINE	CIIA-2025-5 AI-Powered Modeling of Carbon Emissions and Renewable Energy Optimization in the U.S. Power Sector Pedro Ramos De Santis, Jessica García, Carmen Lucero and David De Santis - ECUADOR	Speaker # 3 ONLINE	CIIA-2025-11 Analysis of scientific papers related to intelligent forklifts Anny Astrid Espitia-Cubillos, Robinson Jiménez-Moreno and Esperanza Rodríguez-Carmona - COLOMBIA	
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11H00 - 11H30	Moderator: William Navas / José Rodríguez Cavagnaro		Moderator: Walter Mariscal / Miguel Vargas	
	Speaker # 4 ONLINE	CIIA-2025-15 Simulation and Analysis of the Energy Potential of Wave Energy through the oscillating water column device in Esmeraldas-Atacames Using MATLAB Simulink Ricardo Jativa, Leonardo Banguera, Javier Jiménez and Gerardo Llamuca - ECUADOR	Speaker # 4 ONLINE	CIIA-2025-33 Causal Process Mining for Temporal Deviations in Business Event Flows Fernando Montoya, Gonzalo Rivera-Lazo, Mauricio Hidalgo and Hernán Astudillo - CHILE
11H30 - 12H00	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133	
	Moderator: William Navas / José Rodríguez Cavagnaro		Moderator: Walter Mariscal / Miguel Vargas	
12H00 - 12H30	Speaker # 5 ONLINE	CIIA-2025-18 Circular economy model for the transition to reusable plastic packaging Sonia Rodriguez, Yomayra Villegas, Mariuxi Ruiz and Byron Loo - ECUADOR	Speaker # 5 ONLINE	CIIA-2025-34 Optimizing Manual Material Handling Safety: A Hybrid Approach Using NIOSH Methodology and Artificial Intelligence Juan Carlos Garcia Plua, Eugenia Moreira-Macías, Michelle Varas and Lidia Chang-Camacho - ECUADOR
	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133	
14H00 - 14H30	Moderator: William Navas / José Rodríguez Cavagnaro		Moderator: Walter Mariscal / Miguel Vargas	
	Speaker # 6 ONLINE	CIIA-2025-20 Energy consumption analysis in Ecuadorian tertiary sector Yoiler Tigua Villaprado, Joao Cadena Barrera, Pedro Castro-Verdezoto and Daniel Ortega-Pacheco - ECUADOR	Speaker # 6 ONLINE	CIIA-2025-37 Optimizing Gondola Replenishment: A Simulation Approach Using Promodel and Evolutionary Algorithms to Balance Costs Sergio Bauz-Olvera, Wilson Quiroga-Sierra, Johny Pambabay-Calero and Purificación Galindo-Villardón - ECUADOR
14H30 - 15H00	Master Speaker # 5 ONLINE	PhD. Jonnathan Avilés, Msc. - Story Telling. Contar una buena historia con los datos estadísticos. Como hablar en medio de un océano de información.		
14H30 - 15H00	ROOM 1 https://cedia.zoom.us/j/81600206034		ROOM 2 https://cedia.zoom.us/j/87295566133	
	Moderator: Lidia Chang / Omar Coloma		Moderator: Fausto Benitez / Oscar Carrasco	

	Speaker # 7 ONLINE CIIA-2025-23 Assessment of associated gas emissions from the oil industry in the Ecuadorian Amazon Rosa García Alarcón, Ángel García Gutiérrez and Oswaldo Baque Jiménez - ECUADOR	Speaker # 7 ONLINE CIIA-2025-41 Perception of security and victimization in the sustainability of microenterprises in Guayaquil, Ecuador: An exploration of the moderation of customer presence context and a concordance analysis Bernardo Ovalle and Mayra Vega - ECUADOR
15h00 - 15h30	ROOM 1 https://cedia.zoom.us/j/81600206034	ROOM 2 https://cedia.zoom.us/j/87295566133
	Moderator: Lidia Chang / Omar Coloma	Moderator: Fausto Benitez / Oscar Carrasco
	Speaker # 8 ONLINE CIIA-2025-26 Comparison and Evaluation of Machine Learning Models for Acoustic Optimization in Live Events Mariuxi Toapanta, Héctor Toapanta, Mathías Mora and Felipe Toapanta - ECUADOR	Speaker # 8 ONLINE CIIA-2025-29 IoT-based HVAC system modeling Juan José Láinez Bolaños, Douglas Antonio Plaza Guingla, Cesar Antonio Martin Moreno and Juan Jose Lainez Casal - ECUADOR