

Wednesday October 26th

10:00	10:30	Participants Check In (...) / Authors Check In (...)	
10:30	11:00	OPENING CEREMONY	
11:00	12:00	Keynote conference - "Aplicaciones de Realidad Virtual y Realidad Aumentada en la Industria" International - Industrial Engineering Name: Dra. Cecilia Ávila Garzón Afiliation: Universitaria Konrad Lorenz (Bogotá, Colombia)	
12:00	13:00	Networking Break	
13:00	14:30	Time for Lunch	
14:30	14:50	Session 1	Paper # 15
14:50	15:10		Paper # 21
15:10	15:30		Paper # 45
15:30	15:50		Paper # 53
15:50	16:10		Paper # 65
16:10	16:30		Paper # 67
16:30	17:10	Break	
17:10	17:30	Session 2	Paper # 23
17:30	17:50		Paper # 25
17:50	18:10		Paper # 28
18:10	18:30		Paper # 30
18:30	18:50		Paper # 33
18:50	19:10		Paper # 42
19:10	20:00	Free time	
20:00	20:45	Keynote conference - "Annotating Musculoskeletal Radiographs Dataset for REsearches Developing Medical Imaging Applications" International - System Engineering Name: Dr. Kumar Swamy Vadla	
20:45	21:30	Keynote conference - "Data Engineer como herramienta en la investigación" International - Conference on Software Engineering Name: Mg. Camilo Ernesto Romero Meza Afiliation: Entelgy Colombia-Data Engineer	

Papers by Topics/Areas	
	Smart IoT Systems & Applications
	Virtual and Augmented Reality
	E-learning and Education
	Public Health Informatics
	Industrial and Systems Engineering
	Industrial automation and control



EIRCON 2022 - Universidad Autónoma del Perú

Thursday October 27th

10:00	10:30	Participants Check In (...) / Authors Check In (...)	
10:30	11:15	Keynote conference “Computación afectiva en el estudio de la percepción de usuario” International - System Engineering Name: Dr. Gabriel Chanchí Golondrino Afiliation: Investigador de la Universidad de Cartagena - Colombia	
11:15	12:00	POSTER SESSION	
12:00	13:00	Networking Break	
13:00	14:30	<i>Time for Lunch</i>	
14:30	14:50	Session 3	Paper # 36
14:50	15:10		Paper # 38
15:10	15:30		Paper # 41
15:30	15:50		Paper # 44
15:50	16:10		Paper # 54
16:10	16:30		Paper # 31
16:30	17:10	Break	
17:10	17:30	Session 4	Paper # 27
17:30	17:50		Paper # 29
17:50	18:10		Paper # 34
18:10	18:30		Paper # 37
18:30	20:00	<i>Free time</i>	
20:00	20:45	Keynote conference: “Teatro Nacional” National - Arquitectura Name: Arq. Germán Joel Salazar Bringas Afiliation: Universidad Ricardo Palma	
20:45	21:30	Keynote conference: “Tecnologías de manejo de relaves y recuperación de aguas en minería - Casos prácticos en Perú” International - Civil Engineering Name: M.Sc. Ing. Carlos Cacciuttolo Vargas Afiliation: Consultor Internacional	

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EIRCON 2022 - Universidad Autónoma del Perú

Friday October 28th

10:00	10:30	Participants Check In (...) / Authors Check In (...)	
10:30	11:15	Keynote conference: "Diseño de Espacios Industriales" Nacional - Arquitectura Name: Mg. Cesar Augusto Rodriguez Rivera Affiliation: Universidad Barcelona - España	
11:15	12:00	POSTER SESSION	
12:00	13:00	Networking Break	
13:00	14:30	Time for Lunch	
14:30	14:50	Session 5	Paper # 57
14:50	15:10		Paper # 60
15:10	15:30		Paper # 63
15:30	15:50		Paper # 92
15:50	16:10		Paper # 74
16:10	16:30		Paper # 72
16:30	17:10	Break	
17:10	17:30	Session 6	Paper # 50
17:30	17:50		Paper # 68
17:50	18:10		Paper # 71
18:10	18:30		Paper # 78
18:30	18:50		Paper # 86
18:50	19:00	Free time	
19:00	19:45	Keynote conference: "INPERSO": INdustrialised and PErsonalised Renovation for Sustainable sOcieties / renovación industrializada y personalizada para sociedades sostenibles" International - Civil Engineering Name: Luis Bosch Roig Affiliation: Escuela Técnica Superior de Arquitectura - Universitat Politècnica de València	
20:00	20:45	Keynote conference: Análisis de Respuesta de sitio 1D: ventajas y desventajas International - Civil Engineering Name: Ph.D. Renmin Pretell Affiliation: SAP Solutions Project Leader at Everis a NTT DATA Company - Chile	
20:45	21:00	CLOSING CEREMONY	

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#	Authors	Title	Session	Date	Time
15	Ricardo Yauri, Ruben Acosta, Marco Jurado and Milton Rios	IoT Edge Device to Estimate Breathing Rate from ECG Signal for Continuous Monitoring	1	26-Oct	14:30 - 14:50
21	Alberto Ari, Alexander Rojas, José Cornejo and Ricardo Palomares	Mechatronic Design and Kinematic Analysis of Land-Based, Holonomic-Type and Mecanum-Wheeled Mobile Robot for Queue Management in Supermarkets	1	26-Oct	14:50 - 15:10
23	Sergio Espinal, Bryan Miramira and Ángel Velásquez	Open-Source Game Engine & Framework for 2D Game Development	2	26-Oct	17:10 - 17:30
25	Enzo Lizama Paredes, Rodrigo A. Guadalupe Medina and Juan Flores Moroco	Boxing: A Blockchain based voting system	2	26-Oct	17:30 - 17:50
27	Luis Koomt, Cesar Andres Lopez Hurtado and Lenis Wong Portillo	Framework for automating requirement elicitation using a chatbot	4	27-Oct	17:10 - 17:30
28	Andre Salazar Jo and Christian Ovalle Paulino	Framework integrating RUP, Scrum and ISO 9126 to improve Quality during Software Construction in SMEs	2	26-Oct	17:50 - 18:10
29	Jhonatan Huanca, José Zamora, José Cornejo and Ricardo Palomares	Mechatronic Design and Kinematic Analysis of 8 DOF Serial Robot Manipulator to Perform Electrostatic Spray Painting Process on Electrical Panels	4	27-Oct	17:30 - 17:50
30	German Salvador Villavicencio Villanueva, Rolando Javier Berru Beltran and Romulo Rogery Vargas Garcia	Proposal of a mobile application using the Mobile-D methodology to support the type 2 diabetes control process in a hospital in Trujillo	2	26-Oct	18:10 - 18:30
31	Luis Jose Vargas Leon and Rolando Javier Berru Beltran	Electronic generator of Braille code (EGBC) to improve the educational inclusion of visually disability people in an educational center in Trujillo	3	27-Oct	16:10 - 16:30
33	Ricardo Manuel Arias Velasquez	Characterization of new foundations applied in overhead lines	2	26-Oct	18:30 - 18:50
34	Ricardo Manuel Arias Velasquez and Jennifer Vanessa Mejia Lara	Oscillation and model of the reclosure function in overhead lines of 220kV and 500kV	4	27-Oct	17:50 - 18:10
36	Daniel Burga, Harry Zarria Burga and Belther Lecca Revilla	Model to Identify the Profile of Countermeasures for Information Leakage in Financial Organizations	3	27-Oct	14:30 - 14:50
37	Dennys De La Torre and Arturo Ortega	Variability and Wave Power for Open Ocean Wave Conditions of the Peru Basin	4	27-Oct	18:10 - 18:30
38	Dennys De La Torre and Arturo Ortega	Applicability of the Standard Sea Spectrums and New Calibration Coefficients for the Wave Energy Period Calculation of the Peru Sea Basin	3	27-Oct	14:50 - 15:10
41	Ever Yuri Vivar Velasquez and Rolando Javier Berru Beltran	Mobile Application to enhance the Distribution of Tourist Information on Beaches in La Libertad region	3	27-Oct	15:10 - 15:30
42	Jorge Alexander Jimenez Azabache, Renato Andree León Tejada and Rolando Javier Berru Beltran	Proposal of virtual reality solution using Photogrammetry techniques to enhance the heritage promotion in a tourist center of Trujillo	2	26-Oct	18:50 - 19:10
44	Darwin Auccapuri Quispetupa, Juan Paco Fernandez and River Quispe Tacas	An experimental evaluation of RSSI-LoRa in an olive tree plantations	3	27-Oct	15:30 - 15:50
45	David Ortega and Juan Tisza	Architecture proposal for real-time sensor monitoring using IoT and Augmented Reality	1	26-Oct	15:10 - 15:30
50	Irene Alvarado and William Ipanaqué	Wiener model identification of a pH plant with ELM	6	28-Oct	17:10 - 17:30
53	Haggi Casas, Jean Loayza, Joel Palomino and Ernesto Paiva-Peredo	Design of a people access control system using the ESP32 module and Internet of Things for a sanitary facility in a shopping mall	1	26-Oct	15:30 - 15:50
54	Ricardo Manuel Arias Velasquez	Methodology for Metal Oxide Varistor design applied to Fixed series capacitor	3	27-Oct	15:50 - 16:10
57	Félix Armando Huaman-Pajares, Virgilio Rimarachin-Mosquera, Neicer Campos-Vasquez and Ruben Kevin Manturano-Chipana	Determination of the maximum degree of inclination of the straight columns of a 4-story building based on its seismic behavior, Cajamarca, 2020	5	28-Oct	14:30 - 14:50
60	Pedro Nelson Shiguihara Juárez and Javier Diones	Churn Classification: An Exploration of Features to Improve the Performance	5	28-Oct	14:50 - 15:10
63	Yasmina Beatriz Riega Viru, Mario Edison Ninaquispe Soto, Juan Luis Salas Riega and Joselyn María Arellano Arizola	Expert systems and administration of justice in Peru and Brazil	5	28-Oct	15:10 - 15:30
65	Luis Mostaceroo Agama and Pedro Nelson Shiguihara Juárez	Analysis of Internet Service Latency and its Impact on Internet of Things (IoT) Applications	1	26-Oct	15:50 - 16:10

67	Javier Solis-Lastra, Daniel Abanto, Vicky Carazas and Cándido Aramburu	Implementation of a Web-based Interface For Remote Access to a FPGA Board	1	26-Oct	16:10 - 16:30	
68	Javier Martin Seminario Gastelo and Edilberto Vásquez Díaz	DC Brushless Motor Speed Controller Design using Back Electromotive Force	6	28-Oct	17:30 - 17:50	
71	Elmer Rodrigo Aquino Larico, José Manuel Ramos Cutipa, Leonidas Vilca Callata and Roberto Jaime Quiroz Sosa	Comparative analysis of photovoltaic energy production in the dry and rainy seasons: High altitude case study	6	28-Oct	17:50 - 18:10	
72	Arian Yturizaga, Camilo Silva and Willy Ugarte	Story visualization using image-text matching architecture for digital storytelling	5	28-Oct	16:10 - 16:30	
74	Graciela Sánchez Chipana, Cristian Castro Cabanillas and David Mauricio	Roadmap of projects for the design of smart clothing with wearable technology	5	28-Oct	15:50 - 16:10	
78	Fredy Villanueva	Maneuverable Reentry Vehicle Trajectory Optimization using Pseudospectral Method	6	28-Oct	18:10 - 18:30	
86	Ruben Florez, Yesenia Concha-Ramos, Facundo Palomino Quispe and Roger Jesus Coaquira Castillo	CNN for the detection of COVID-19 from chest X-ray images	6	28-Oct	18:30 - 18:50	
92	Félix Armando Fermín-Pérez, Enrique Sebastián and Jesús Sullcarayme	Design of a Neural Network Function Block for Insertion into Programable Logic Controller Library Function Blocks	5	28-Oct	15:30 - 15:50	

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