

Thursday, September 3rd.

		Room 2	Room 3	Room 4	Room 5	Room 6	Room 7				
9:00	9:20	IEEE ASSEMBLY EXTENDED MEETING (Private Session)	Session 1	Paper 2	Session 2	Paper 44	Session 3	Paper 10	TECHNOLOGY FAIR	CAPSTONE PROJECTS FAIR	Project 1
9:20	9:40			Paper 9	Paper 33	Paper 15					
9:40	10:00			Paper 11	Paper 13	Paper 26					
10:00	10:20			Paper 31	Paper 45	Paper 29					
10:20	10:40			Paper 53	Paper 47	Paper 107					
10:40	11:00	Networking Break							Business 1	Project 2	
11:00	11:20	IEEE ASSEMBLY EXTENDED MEETING (Private Session)	Session 4	Paper 60	Session 5	Paper 117	Session 6	Paper 132	Business 2	Project 3	
11:20	11:40						Business 3	Project 4			
11:40	12:00						Business 4	Project 5			
12:00	12:20						Business 5	Project 6			
12:20	12:40						Business 6	Project 7			
12:40	13:00	Networking Break						Business 7	Project 8		
13:00	14:30	<b>Time for Lunch</b>									
<b>Room 1</b>											
14:30	14:45	Round Table 1 - "Post COVID energy situation "									
14:45	15:00	Session Chair: Cesar Butron - President of the board of COES									
15:00	15:15	Panelist: Rosendo Ramirez - Consultant									
15:15	15:30	Daniel Cámac - Vice President of the commercial area Engie									
15:30	15:45	Luis Espinoza - Consultant in energy regulation									
15:45	16:00	Roberto Tamayo - Former Managing Director of Electricity									
16:00	16:15	<b>Virtual Cultural Break</b>									
16:15	16:30	Keynote conference 1 - "International interconnections" - Milangelo Moncada - Commercial Manager Engie Servicios Peru									
16:30	16:45										
16:45	17:00										
17:00	17:15	Keynote conference 2 - "5G applications and myths" - Alessandro Defilippi - Broadband New Technologies and Services Manager at DIRECTV Latin America.									
17:15	17:30										
17:30	17:45										
17:45	18:00	<b>OPENING CEREMONY</b>									
18:00	18:15										
18:15	18:30										
18:30	18:45										
18:45	19:00										
19:00	19:15										
19:15	19:30										
19:30	19:45										
19:45	20:00										
		Jorge Bastante - Director of Quality and Educational Innovation of Tecsup, Institute of Technology									
		César Gallegos Chávez - President of IEEE, Peru Section									
		Alberto Sanchez - Regional Director R9 Latin America IEEE region									

(\*) V6 - Version 6 - Looking for the best experience, we continue coordinating details, so it is still possible to have some modifications to the INTERCON 2020 program

Papers by Topics/Areas	
	Computing
	Electronics Engineering - General
	Electronics Engineering - Control
	Electronics Engineering - Images Processing
	Electronics Engineering - Telecommunications
	Electronics Engineering - Signals Processing
	Electronics Engineering - Robotics
	Electrical Engineering

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Friday, September 4th.

		Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
9:00	9:20							
9:20	9:40							
9:40	10:00	<b>WORKSHOP 1</b> <b>"Developing virtual assistants with IBM Watson"</b> - Quantum Technology - EAC	Session 7 Paper 66 Paper 62 Paper 80 Paper 90 Paper 106 Paper 118	Session 8 Paper 34 Paper 6 Paper 72 Paper 35 Paper 128 Paper 54	Session 9 Paper 141 Paper 150 Paper 152 Paper 158 Paper 168 Paper 184	<b>WORKSHOP 2 - "Applications and Tools for the Communications Industry"</b> - COMSOC	Business 10 Business 11 Business 12 Business 13 Business 14 Business 15 Business 16 Business 17 Business 18 Business 19	Project 10 Project 11 Project 12 Project 13 Project 14 Project 15 Project 16 Project 17 Project 18
10:00	10:20							
10:20	10:40							
10:40	11:00							
11:00	11:20							
11:20	11:40							
11:40	12:00	<b>Break</b>						
12:00	12:20	Session 10 Paper 147 Paper 153 Paper 173	Session 11 Paper 36 Paper 65 Paper 37	Session 12 Paper 46 Paper 69 Paper 140				
12:20	12:40							
12:40	13:00							
13:00	14:30	<b>Time for Lunch</b>						
<b>Room 1</b>								
14:30	14:45	<b>Round Table 2 - "Internet Access in Peru under the COVID-19 Pandemic Scenario: Challenges and Opportunities"</b> Session Chair: <b>Esmeralda Asurza</b>						
14:45	15:00	Panelist: <b>Alessandro Defilippi</b> - Broadband New Technologies and Services Manager - DIRECTV LATAM [Confirmado] <b>Omar Parihuana</b> - CEO & Founder - NIRQA IT & Telecom Services <b>Carlos Valdez</b> - Director de la Escuela de Ingeniería Electrónica - UPC <b>Manuel García</b> - Jefe de Ingeniería y Planificación - Internet para Todos (IPT) <b>Carlos Huaman</b> - CEO, DN Consultores <b>Virginia Nakagawa</b> - Vice Minister of Communications - Ministry of Transport and Communications						
15:00	15:15							
15:15	15:30							
15:30	15:45							
15:45	16:00							
16:00	16:15	<b>Virtual Cultural Break</b>						
16:15	16:30							
16:30	16:45							
16:45	17:00	Keynote conference 3 - "Evolving the network infrastructure in data centers" - <b>Omar Parihuana</b> - CEO & Founder - NIRQA IT & Telecom Services						
17:00	17:15							
17:15	17:30							
17:30	17:45	Keynote conference 4 - "Perceptual Invariance in Humans and Machines" - <b>Arturo Deza</b> - Postdoctoral Research Associate at Massachusetts Institute of Technology						
17:45	18:00							
18:00	18:15							
18:15	18:30	Keynote conference 5 - "Engineering the Future in a post-COVID world" - <b>S. K. RAMESH</b> - Fellow IEEE, 2016-17 Vice President IEEE Educational Activities Board						
18:30	18:45							
18:45	19:00							
19:00	19:15	Keynote conference 6 - "The Vision for the Modernization of the Peruvian Electric System" - <b>Miguel Révalo</b> - Vice Minister of Electricity, Ministry of Energy and Mines						
19:15	19:30							
19:30	19:45							
20:00	20:15	Keynote conference 7 - "The futuristic vision of industries about what the pandemic brought" - <b>Monica Acosta</b> - Technical Solutions Architect , CISCO						
20:15	20:30							

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Saturday, September 5th.

		Room 2	Room 3	Room 4	Room 5	Room 6	Room 7				
9:00	9:20										
9:20	9:40										
9:40	10:00	WORKSHOP 3 - "Power stories" WIP - R9	Session 13	Paper 155	Session 14	Paper 161	Session 15	Paper 221	WORKSHOP 5 - "#IamRemarkable" - WIE PERU	TECHNOLOGY FAIR	Business 20
10:00	10:20			Paper 186		Paper 175		Paper 139			Business 21
10:20	10:40			Paper 194		Paper 193		Paper 201			Business 22
10:40	11:00			Paper 195		Paper 199		Paper 205			Business 23
11:00	11:20			Paper 196		Paper 223		Paper 208			Business 24
11:20	11:40	Paper 207	Paper 51	Paper 211	Business 25						
11:40	12:00	Break						Business 26			
12:00	12:20	WORKSHOP 4 - "Devising a SIGHT project" - SIGHT	Session 16	Paper 179	Session 17	Paper 75	Session 18	Paper 190			Business 27
12:20	12:40			Paper 185		Paper 76		Paper 220			Business 28
12:40	13:00					Paper 104					
13:00	14:30	Time for Lunch									
Room 1											
14:30	14:45	Round Table 3 - <b>Digitization of the Peruvian State</b>									
14:45	15:00	Moderator: César Beltrán									
15:00	15:15	Panelist: <b>Marushka Chocobar</b> - PCM - Digital Government Secretariat									
15:15	15:30	<b>Ernesto Cuadros</b> - Board of Governors of IEEE-CS									
15:30	15:45	<b>Narciso Lema</b> - IBM Peru									
15:45	16:00	<b>Carlos Raymundo</b> - IEEE Perú - Computer Society									
16:00	16:15	Virtual Cultural Break									
16:15	16:30										
16:30	16:45	Keynote Conference 8 - "AI methods for optical medical diagnosis" - Ronald Juarez - Software Engineer at Microsoft HoloLens									
16:45	17:00										
17:00	17:15	Keynote Conference 9 - "Development of Electric Transmission in Peru" - Luis Lazo - Business Manager at Agua y Energía Ingenieros Consultores S.A.									
17:15	17:30										
17:30	17:45	<b>CLOSING CEREMONY</b> <b>Juan Manuel García Calderón</b> - General Director of Tecsup, Institute of Technology <b>César Gallegos Chávez</b> - President of IEEE, Peru Section <b>Antonio Lazo de la Vega</b> - National Academic Director of Tecsup, Institute of Technology <b>Jose Duran Talledo</b> - CFP committee representative <b>Ingrid Ccoyllo</b> - Head, Digital Technology department of Tecsup, Institute of Technology <b>Pamela Loyola</b> - President of the Student Branch of Tecsup, Institute of Technology <b>Sergio Gutiérrez</b> - Project Manager of INTERCON 2020 IEEE Peru and Section Administrative Representative <b>Toshio Fukuda</b> - 2020 IEEE President & CEO									
17:45	18:00										
18:00	18:15										
18:15	18:30										

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Papers						
ID	AUTHORS	PAPER TITLE	PRESENTER	Room	Date	Time
2	Ricardo Manuel Arias Velásquez and Jennifer Vanessa Mejía Lara	Dynamic analysis associated to power plants and overhead lines failure	Ricardo Manuel, Arias Velásquez	3	3-Sep	09:40 - 10:00
6	Jafet Santivañez, José Armando Gastelo-Roque and Jean Pierre Sulluchuco	A cup anemometer using 3D additive manufacturing	Jafet, Santivañez	4	4-Sep	10:00 - 10:20
9	Jherson Miranda and Edgar Manzano	Parametric identification of an Active Magnetic Bearing system prototype using the NARMAX model	Edgar Andre, Manzano Ramos	3	3-Sep	10:00 - 10:20
10	Frank Andrade Chaico and Laberiano Andrade-Arenas	Mobile advertising in Peru: The impact of SMS advertising on sales and customer experience	Laberiano, Andrade Arenas	5	3-Sep	09:40 - 10:00
11	Hermom Moreira and Nelson Kagan	Applications of Demand Response on Smart Grids	Hermon, Moreira	3	3-Sep	10:20 - 10:40
13	David Shatwell, Frank Salazar and Arturo Rojas	2-DOF PID Control of the Angular Position of an Industrial Plant Emulator	David , Shatwell	4	3-Sep	10:20 - 10:40
15	Erik Papa Quiroz, Alvaro Cuno, Edgar Sarmiento and Ever Cruzado	Requirements for a new Peruvian electronic identity card	Erik, Papa Quiroz	5	3-Sep	10:00 - 10:20
22	Hubert Ventura and Arturo Rojas	Real-Time Model Reference Adaptive Fuzzy Control of a 3DOF Robot Arm	Hubert, Ventura	3	3-Sep	12:00 - 12:20
26	Judith Betetta-Gomez, Carlos Medina-Ramos, Irene Tafur-Anzualdo and Flor De María Diaz-Diaz	Deep Learning to Predict Outpatient Visits by Respiratory Illnesses in a High PM10 Environment	Carlos, Medina-Ramos	5	3-Sep	10:20 - 10:40
29	José Morales-Mere, Juan J. Chessa, José Cornejo and Ricardo Palomares	Mixed Reality System for Education and Innovation in Prehospital Interventions at Peruvian Fire Department	José, Morales-Mere	5	3-Sep	10:40 - 11:00
31	Ismael Sanchez and Miguel G. Lobo	Using Weather Predictions in a Grid for Efficient Regional Wind Power Density Forecasting	Ismael, Sánchez	3	3-Sep	10:40 - 11:00
33	Oscar David Salazar Aquino, José Luis Pampamallco Jara and Arturo Rojas Moreno	Position Control of a 2DOF Rotary Torsion Plant Using a 2DOF Fractional Order PID Controller	José, Pampamallco	4	3-Sep	10:00 - 10:20
34	Diego Silva, Duarte Oliveira and Gracieth Batista	Asynchronous Bundled-Data Pipeline Cryptographic Architecture with RDI Countermeasure	Gracieth, Batista	4	4-Sep	09:40 - 10:00
35	Duarte Oliveira, Gabriel Duarte, Gracieth Batista and Nicolly Cardoso	Converting Synchronous Digital Systems to Asynchronous Systems using Local-Clock	Gracieth, Batista	4	4-Sep	10:40 - 11:00
36	Vitor Torres, Duarte Oliveira, Gracieth Batista and Orlando Verducci	A Design Flow for Synthesis of Quasi Delay Insensitive Combinational Circuits	Gracieth, Batista	4	4-Sep	12:00 - 12:20
37	Duarte Oliveira, Orlando Verducci, Gracieth Batista and Diego Silva	A Tools Flow for Extended Burst-Mode State Machines Design with Enhanced Robustness	Gracieth, Batista	4	4-Sep	12:40 - 13:00
42	Facundo García-Cárdenas, Nelson Soberón, Cristian Amaya and Victor Murray	Design of a Laser Pointer Follower Robot	Nelson, Soberon	4	3-Sep	12:20 - 12:40
43	Victor Ticllacuri, José Cornejo, Aurora B. Diaz and Gustavo Jamanca Lino	Design of Wearable Soft Robotic System for Muscle Stimulation Applied in Lower Limbs during Lunar Colonization	Victor, Ticllacuri	4	3-Sep	12:40 - 13:00
44	Arturo Rojas Moreno	PI LQR Control of MIMO Time--Delay Processes Subject to Output Disturbances	Arturo, Rojas-Moreno	4	3-Sep	09:40 - 10:00
45	Arturo Rojas Moreno	Predictive LQR Control of MIMO Time--Delay Processes Possessing Output Disturbances	Arturo, Rojas-Moreno	4	3-Sep	10:40 - 11:00

Papers						
ID	AUTHORS	PAPER TITLE	PRESENTER	Room	Date	Time
46	Cristian Amaya and Victor Murray	Real-Time Sign Language Recognition	Cristian, Amaya	5	4-Sep	12:00 - 12:20
47	Stefano Ayala Cabrera, Gian Perez Valenzuela, Jose Pampamallco Jara and Arturo Rojas Moreno	Decentralized Control of a Water Tank using MBPC Control	Stefano, Ayala	4	3-Sep	11:00 - 11:20
51	Alexander Ortega Vidal, Arturo Rojas Moreno and Frank Jhossep Salazar Vasquez	A comparison between optimal LQR control and LQR predictive control of a planar robot of 2DOF	Alexander, Ortega	4	5-Sep	11:20 - 11:40
53	Eduardo Toloza, Juan Carlos Muñoz Guerrero, Nelson Ballester and Enzo Sauma	Empirical quantification and uncertainty assessment of SO2 and PM2.5 emission factors of power plants in Chile	Juan Carlos, Muñoz Guerrero	3	3-Sep	11:00 - 11:20
54	Moisés Borges, Demetrius Bezerra, Omar Vilcanqui and Luiz Almeida	Use of the Preisach and L2P Models Together for Greater Confidence in Hysteresis Curves at Different Frequencies	Demetrius, Barahuna Guimarães Bezerra	4	4-Sep	11:20 - 11:40
60	Julio Fredy Chura Acero, Henry Pizarro Viveros, Norman JesÚs BeltrÁN CastañÓN and Reynaldo Condori Yucra	Improvement of Power Quality for Operation of the Grid-Connected Photovoltaic Energy System Considering the Irradiance Uncertainty	Julio Fredy, Chura Acero	3	3-Sep	11:20 - 11:40
61	Redy H. Risco Ramos, Daniel A. Pérez Aguilar and Luis A. Casaverde Pacherez	System identification models' fit using error histogram analysis and the Hampel filter as computational tools	Redy Henry, Risco Ramos	3	3-Sep	12:00 - 12:20
62	Christian Augusto Romero Goyzueta, Eudes Rigoberto Apaza Estaño and Luis Enrique Baca Wiesse	Determine the Number of Patches in a Microstrip Antenna Array for a Standard 802.11n Adapter	Christian Augusto, Romero Goyzueta	3	4-Sep	10:00 - 10:20
65	Christian Augusto Romero Goyzueta, Jose Emmanuel Cruz de la Cruz and Cristian Delgado Cahuana	Intrusion Detection and Prevention System for Production Supervision in Small Businesses Based on Raspberry Pi and Snort	Christian Augusto, Romero Goyzueta	4	4-Sep	12:20 - 12:40
66	Juan Carlos Colque Ccarita, Ernesto Ruppert Filho, Iván Delgado Huayta and José Luis Azcue Puma	A new space-vector selector modulation for the modular multilevel converter applications	Ivan, Delgado Huayta	3	4-Sep	09:40 - 10:00
69	Sebastian Escalante and Victor Murray	Automatic Recognition of Peruvian Car License Plates	Sebastian, Escalante	5	4-Sep	12:20 - 12:40
71	Mary Cymbel Vilca Choque, José Manuel Ramos Cutipa, Reynaldo Condori Yucra and Norman Jesus Beltran Castañón	DESIGN, IMPLEMENTATION AND ECONOMIC ANALYSIS OF A 2.16 KW NETWORK CONNECTED PHOTOVOLTAIC SYSTEM (SFCR) WITH ANALYZED MICROINVERSOR IN THE GEOGRAPHICAL AND CLIMATOLOGICAL CONDITIONS OF THE CITY OF JULIACA	Reynaldo, Condori Yucra	3	3-Sep	12:20 - 12:40
72	Franz Hamann and Gustavo Mesones	Development of a hybrid system for automatic identification of brushed direct current motors	Franz, Hamann-Pinto	4	4-Sep	10:20 - 10:40
75	Paulo Cesar Valencia-Manrique and Roger Jesus Coaquira-Castillo	Speed Performance Comparative of Indirect Field Oriented Control based on current model for Induction Motors in Educational Equipment	Paulo Cesar, Valencia Manrique	4	5-Sep	12:00 - 12:20
76	Antonio Fransisco Soto-Cervantes and Roger Jesus Coaquira-Castillo	Design of an Instrumented Security System and integration to a DCS PCS 7 modules using MODBUS TCP / IP	Antonio Francisco, Soto Cervantes	4	5-Sep	12:20 - 12:40
80	Carlos Alberto Ulloa-Escobar, Jenny Mirella Luque-Quispe, Mark Clemente-Arenas and Saul Inca	Millimeter-Wave Line-of-Sight Probability Modeling for Inside Metro Carriages Scenarios	Carlos, Ulloa Escobar	3	4-Sep	10:20 - 10:40
90	Rodolfo Zevallos and Luis Camacho	Language technology into high schools for revitalization of endangered languages	Luis Camacho	3	4-Sep	10:40 - 11:00
104	Cesar J. Muñoz Martinez, José Cornejo, Ricardo Palomares and Robert Castro Salguero	Mechatronics Development of Terrestrial Mobile Robot for Exploring and Monitoring Environmental Parameters at Mine Analogue Sites using IoT Platform	Cesar J., Muñoz Martinez	4	5-Sep	12:40 - 13:00
106	Miguel Eduardo Cuadros Gálvez, Alfredo Barrientos Padilla, David Yovera Chavez and Gonzalo Villena Romero	Telepresence Technological Model Applied to Primary Education	Alfredo, Barrientos-Padilla	3	4-Sep	11:00 - 11:20
107	Miguel Eduardo Cuadros Gálvez, Alfredo Barrientos Padilla, Daniel Eduardo Palomino Pacahuala and David Glenn Molina Espinoza	Tabletap: A Collaborative Web Application for Large Screen Surfaces Devices	Alfredo, Barrientos-Padilla	5	3-Sep	11:00 - 11:20
117	Laura Carrasco, William Ipanaque and Manuel Merino	Design and experimental implementation of a PID-IMC Controller for a VCRS	Laura Carrasco Jiménez	4	3-Sep	11:20 - 11:40
118	Ernesto Cadena Muñoz, Luis Fernando Pedraza Martínez, Ingrid Patricia Páez Parra and Gustavo Alonso Chica Pedraza	Mission Critical Communication System with Cognitive Radio Networks using SDR	Ernesto, Cadena Muñoz	3	4-Sep	11:20 - 11:40
128	Lucas Lima Rodrigues, Ana Beatriz Alvarez, Omar Alexander Chura Vilcanqui and Huilman Sanca Sanca	Design a PLL controller using a Particle Swarm Optimization algorithm	Huilman, Sanca Sanca	4	4-Sep	11:00 - 11:20

Papers						
ID	AUTHORS	PAPER TITLE	PRESENTER	Room	Date	Time
132	André Neyra Gutiérrez and Pedro Nelson Shiguihara Juárez	Feature Extraction with Video Summarization of Dynamic Gestures for Peruvian Sign Language Recognition	Pedro André, Neyra Gutiérrez	5	3-Sep	11:20 - 11:40
138	Alex Arturo Guzman Cruz and Alvaro Wilar Roque Canahuire	Small Signal Stability Analysis of Power System of Arequipa using PSAT	Alex Arturo Guzman Cruz	3	3-Sep	12:40 - 13:00
139	Javier Samaniego, Mariano Chuchon, Rolando Adriano and Saúl Inca	Dynamic-Method of Measuring Non-Ionizing Radiation for Mobile Communications	Mariano, Chuchon	5	5-Sep	10:00 - 10:20
140	Oscar John Vera Ramirez and Jose Emmanuel Cruz de la Cruz	Convolutional neural networks for the Hass avocado classification using LabVIEW in an agro-industrial plant	Oscar John, Vera Ramirez	5	4-Sep	12:40 - 13:00
141	Rolando Adriano, Alex Osorio, Marco Quispe and Jaime Luyo	Performance evaluation in Lima of MPPT algorithms implemented over a low-cost microcontroller	Rolando, Adriano	5	4-Sep	09:40 - 10:00
147	Ronald Paucar-Curasma and Herminio Paucar-Curasma	Computational Thinking in School Education in South America: Systematic review of the literature	Herminio, Paucar Curasma	3	4-Sep	12:00 - 12:20
150	Kevin Hilares, Raul Vargas and José Armando Gastelo-Roque	Impact of COVID-19 on the GHG emissions of the Peruvian Interconnected Electrical System	Raúl, Vargas	5	4-Sep	10:00 - 10:20
152	Daniel Naveda-Castillo and Luz Adanaque-Infante	Characterization of DC Converters for Energy Power Systems on Cubesats	Luz, Adanaque-Infante	5	4-Sep	10:20 - 10:40
153	Isac Cruz-Mendoza, Jonathan Quevedo-Pulido and Luz Adanaque-Infante	LSTM performance analysis for predictive models based on Covid-19 dataset	Luz, Adanaque-Infante	3	4-Sep	12:20 - 12:40
155	Polynne Modesto, Raymundo Cordero and André D'Estefani	Design of an Angle Tracking Observer for Resolver Sensors using a Type-II System and Root Locus Technique	Raymundo, Cordero	3	5-Sep	09:40 - 10:00
158	Nelson Rey Laura Sullo, Ivan Delgado Huayta, José Luis Azcue Puma and Juan Carlos Colque Ccarita	Estimation of incident irradiance on a photovoltaic panel by the internal dynamic resistances method	Ivan, Delgado Huayta	5	4-Sep	10:40 - 11:00
161	Werbet Luiz Almeida da Silva, Andrés Ortiz Salazar, Ronaldo José Nobre Cabral Neto and Elmer Rolando Llanos Villarreal	Radial Position Control of a Bearingless Machine with Active Disturbance Rejection Control	Werbet Luiz, Almeida Da Silva	4	5-Sep	09:40 - 10:00
163	Jhohan Jancco Chara, Facundo Palomino Quispe, Roger Jesus Coaquira Castillo and Mark Clemente-Arenas	Omega-k Algorithm Implementation for Linear Frequency Modulated-Continuous Wave SAR Signal Processing	Jhohan, Jancco Chara	5	3-Sep	12:00 - 12:20
168	Renzo Luigui Zarsosa Pacori and Josmell Henry Alva Alcantara	Identification of Internal Failure in Power Transformers Using Fuzzy Logic Through The Dissolved Gas Analysis in Mineral Insulating Oil	Josmell Henry, Alva Alcántara	5	4-Sep	11:00 - 11:20
173	Daniel A. Pérez Aguilar, Redy H. Risco Ramos and Luis A. Casaverde Pacherez	Analysis of the implementation of Blockchain as a mechanism for digital and transparent food traceability in Peruvian social programs	Daniel Alexis, Perez Aguilar	3	4-Sep	12:40 - 13:00
175	Alberth Tamo and Alexander Hilario-Tacuri	Implementing WLAN-IoT control system for brewing fermentation through Raspberry Pi	Alberth, Tamo	4	5-Sep	10:00 - 10:20
179	Hugo Injante, Esteban Gutiérrez and Leonardo Vincés	A Vibratory Conveying System for Automatic Sorting of Lima Beans through Image Processing	Esteban, Gutierrez	3	5-Sep	12:00 - 12:20
184	Elmer Osman Hanco Catata, Ivan Delgado Huayta, José L. Azcue Puma and Ernesto Ruppert Filho	Grid Connected of 12/8 Switched Reluctance Generator Through the Quasi Z Source Inverter	Elmer Osman, Hanco Catata	5	4-Sep	11:20 - 11:40
185	Matias Cam Arellano and Oscar E. Ramos	Deep Learning Model to Identify COVID-19 Cases from Chest Radiographs	Matías, Cam	3	5-Sep	12:20 - 12:40
186	Luis Nestares and Rocio Callupe	Development of Wearable Motion Capture System to evaluate the knee joint angle during stair-climbing in hemiplegics	Luis Fernando, Nestares Valverde	3	5-Sep	10:00 - 10:20

Papers						
ID	AUTHORS	PAPER TITLE	PRESENTER	Room	Date	Time
190	Juan Carlos Suarez-Quispe and Oscar E. Ramos	Scalpel Region Detection based on the Location of Color Marks and Edge Detection	Juan Carlos, Suárez Quispe	5	5-Sep	12:00 - 12:20
193	Satoshi Shimabukuro, Piero Díaz and Leonardo Vinces	Low cost semi-industrial 3GDL CNC vertical milling center design with non-ferrous metal machining capability	Satoshi, Shimabukuro-Giagun	4	5-Sep	10:20 - 10:40
194	César Padilla, Aida Vivanco, Leonardo Vinces and Mirko Klusmann	Design of a multi-hole cylindrical extruder, driven by a linear actuator and used for the formation of bakery dough	Cesar, Padilla-Castro	3	5-Sep	10:20 - 10:40
195	Gustavo Paredes, Felix Neira, Leonardo Vinces and José Oliden	Design of a system for the external washing and winding of fire hoses composed of a polyester and rubber jacket	Gustavo, Paredes-Farfan	3	5-Sep	10:40 - 11:00
196	Polynne Modesto, Thyago Estrabis and Raymundo Cordero	Analysis about the Application of Frequency-Domain-Multiplexing in Data Acquisition for Vector Control	Raymundo, Cordero	3	5-Sep	11:00 - 11:20
197	Sergio Cortez, Christian Flores and Javier Andreu-Perez	Single-trial P300 classification using deep belief networks for a BCI system	Sergio, Cortez Gallegos	5	3-Sep	12:20 - 12:40
199	Jayro Zaid Paiva Mimbela, Juan Carlos Soto Bohórquez, José José Manrique Silupú and William Ipanaqué Alama	Control and Monitoring Online of a Dryer for Industrial Fishmeal Process	José José, Manrique Silinupú	4	5-Sep	10:40 - 11:00
201	Jesus Maldonado, Mario Revollo, Hernan Chambi and Alexander Hilario-Tacuri	An Acoustic Modem App as a Remote Teaching Resource	Jesus Alfredo, Maldonado Apaza	5	5-Sep	10:20 - 10:40
205	Marco Antonio Pumallica Paro, Jorge Arizaca Cusicuna, Milton Velasquez Curo and Mark Clemente Arenas	Optimization of a Balanced Antipodal Vivaldi Antenna for Dual Polarization Ground Penetrating Radar	Marco Antonio, Pumallica Paro	5	5-Sep	10:40 - 11:00
207	Juan Martin De la Cruz-Coronado, Roy Prosopio-Galarza and Ruth E. Rubio-Noriega	Silicon Photonics Foundry-oriented Y-junction Optimization	Ruth, Rubio-Noriega	3	5-Sep	11:20 - 11:40
208	Diego Armando Mora-Huaman, Facundo Palomino Quispe, Roger Jesus Coaquira-Castillo and Mark Clemente-Arenas	Distance to Object Estimation Based on Software Defined Radio USRP using Python	Diego Armando, Mora Huaman	5	5-Sep	11:00 - 11:20
211	Dennis Noel Arizaca Cusicuna and Jorge Luis Arizaca Cusicuna	Series-Fed Patch Antenna Array At 28 GHZ For 5G Applications	Dennis Noel, Arizaca Cusicuna	5	5-Sep	11:20 - 11:40
216	José Enrique Mejía Gamarra, Martín Alonso Salazar Cubas, Junior David Sosa Silupú and Carlos Enrique Córdova Chirinos	Prototype for Peruvian Sign Language translation based on an artificial neural network approach	Carlos Enrique, Córdova Chirinos	5	3-Sep	12:40 - 13:00
220	Luis De La Cruz and Marco Milla	Comparison of Imaging Algorithms using a GB-SAR for a Landslide Monitoring Application	Luis, De La Cruz Painado	5	5-Sep	12:20 - 12:40
221	Ubaldo Yancachajlla Tito, Lelia Quispe-Huaman and Oliver-Amadeo Vilca	Evaluation of the peak-sun hour on a tilted surface in the city of Juliaca	Ubaldo, Yancachajlla Tito	5	5-Sep	09:40 - 10:00
223	Juan Tisza and David Ortega	Effect of Variations of Delays and Sensitivities in the Predictive Control MPC-GPC Applied to the Grinding in Mineral Concentrating Plant	Juan, Tisza	4	5-Sep	11:00 - 11:20

Session Chairs					
Session	First Name	Last Name	Room	Date	Time
1	Erika	Pinchi	3	3-Sep	9:40 - 11:40
2	Jose	Duran	4	3-Sep	9:40 - 11:40
3	Carlos	Raymundo	5	3-Sep	9:40 - 11:40
4	Erika	Pinchi	3	3-Sep	12:00 - 13:00
5	Shariff	Aspilcueta	4	3-Sep	12:00 - 13:00
6	Julio	Díaz	5	3-Sep	12:00 - 13:00
7	Guillermo	Herrera	3	4-Sep	9:40 - 11:40
8	Alexa	Díaz	4	4-Sep	9:40 - 11:40
9	José	Burga	5	4-Sep	9:40 - 11:40
10	Michael	Cabanillas	3	4-Sep	12:00 - 13:00
11	Shariff	Aspilcueta	4	4-Sep	12:00 - 13:00
12	José	Burga Gallardo	5	4-Sep	12:00 - 13:00
13	Carlos	Silva	3	5-Sep	9:40 - 11:40
14	Jose	Duran	4	5-Sep	9:40 - 11:40
15	Reynaldo	Sal y Rosas	5	5-Sep	9:40 - 11:40
16	Jose	Duran	3	5-Sep	12:00 - 12:40
17	Shariff	Aspilcueta	4	5-Sep	12:00 - 13:00
18	Sandra	Perez	5	5-Sep	12:00 - 12:40



TECHNOLOGY FAIR					
Nro	Bussiness Agent	Business Name	Room	Date	Time
1	Hugo Mena	MG INDUSOL	6	3-Sep	10:00 - 10:20
2	José Felipe Chamochumbi	Quemadores Perú E.I.R.L.	6	3-Sep	10:20 - 10:40
3	Carlos Huamán	EngiPerú SAC	6	3-Sep	10:40 - 11:00
4	Gonzalo Agüero	NIVAL SOLUTIONS S.A.C.	6	3-Sep	11:00 - 11:20
5	Enrique Mesones	WE2VIDEO	6	3-Sep	11:20 - 11:40
6	Aldo Torres Mendoza	DIPROSOL PERU S.A.C.	6	3-Sep	11:40 - 12:00
7	Marlo Mesia Vargas	Idom Consulting, Engineering, Architecture, S.A. Sucursal del Perú	6	3-Sep	12:00 - 12:20
8	Jorge Ruiz	Logytec S.A	6	3-Sep	12:20 - 12:40
9	Alain Chavez Carbajal	MATYC AUTOMATION SAC	6	3-Sep	12:40 - 1:00
10	<i>Representante MEC in Home</i>	MEC in Home	7	4-Sep	09:40 - 10:00
11	Aldo Torres Mendoza	DIPROSOL PERU S.A.C.	7	4-Sep	10:00 - 10:20
12	Marlo Mesia Vargas	Idom Consulting, Engineering, Architecture, S.A. Sucursal del Perú	7	4-Sep	10:20 - 10:40
13	Gustavo Alexander Diaz Perez	Ademinsac	7	4-Sep	10:40 - 11:00
14	Alain Chavez Carbajal	MATYC AUTOMATION SAC	7	4-Sep	11:00 - 11:20
15	Jose Sobrino	Alpha Manufacturas S.A.C	7	4-Sep	11:20 - 11:40
16	Hernan Pachas	Linux Professional Institute	7	4-Sep	11:40 - 12:00
17	Jorge Ruiz	Logytec S.A	7	4-Sep	12:00 - 12:20
18	Hugo Mena	MG INDUSOL	7	4-Sep	12:20 - 12:40
19	Carlos Huamán	EngiPerú SAC	7	4-Sep	12:40 - 1:00
20	<i>Representante MEC in Home</i>	MEC in Home	7	5-Sep	09:40 - 10:00
21	Jose Sobrino	Alpha Manufacturas S.A.C	7	5-Sep	10:00 - 10:20
22	Hernan Pachas	Linux Professional Institute	7	5-Sep	10:20 - 10:40
23	Jorge Davila Celestino	Sunix Tech	7	5-Sep	10:40 - 11:00
24	Aldo Torres Mendoza	DIPROSOL PERU S.A.C.	7	5-Sep	11:00 - 11:20
25	José Felipe Chamochumbi	Quemadores Perú E.I.R.L.	7	5-Sep	11:20 - 11:40
26	Carlos Huamán	EngiPerú SAC	7	5-Aug	11:40 - 12:00
27	Alain Chavez Carbajal	MATYC AUTOMATION SAC	7	5-Sep	12:00 - 12:20
28	Hugo Mena	MG INDUSOL	7	5-Sep	12:20 - 12:40

CAPSTONE PROJECTS FAIR					
Nro	Members Team	Title	Room	Date	Time
1	Mario Fernando Paucar Gutiérrez	User Visualization and Verification Application for the Intercon 2020 International Conference.	7	3-Sep	10:00 - 10:20
2	Raúl Kevin Aliaga Shapiama and Sabrina Alexandra Pomajulca Razabal	Development of a Chatbot for the Resolution of Inquiries from Applicants and Entrants from the 2020-I Period to the Software Design Career at TECSUP - Lima.	7	3-Sep	10:20 - 10:40
3	Shiroi Enrique Diaz Mayta and Anthony Gabriel Castillo Aliaga	Optimization of the Firewall and Implementation of an Intrusion Detection System for Aynitech S.A.C.	7	3-Sep	10:40 - 11:00
4	César Augusto Mejía Bulnes and Flavio Cesar Boronda Cano	Design of Status Monitoring and Control System for Trucks of Aggregate Transport Companies to Reduce Annual Production Loss.	7	3-Sep	11:00 - 11:20
5	Anasí Eliana Franco Palacios	Handheld Rehabilitation Device and Virtual Environment for Physical Therapy in Children Age 8 to 12 years.	7	3-Sep	11:20 - 11:40
6	Hanna Graciela Flores Fernández, Raúl Junior Cáceres Escudero and Maricarmen Elizabeth Yaringaño Mendoza	Machine for obtaining fish leather "Spinning Machine".	7	3-Sep	11:40 - 12:00
7	Cesar Antonio Flores Quichca, Juan Alberto Malpartida Guere and Victor Erick Alvarado Saenz	Conversion from Combustion Car to Electric Car.	7	3-Sep	12:00 - 12:20
8	Fatima Rubi Ruiz Garcia and Erika Roxana Rodriguez Lara	Proposal for the Elaboration of Bioplastic Through an Ecological System to Reduce Plastic Consumption.	7	3-Sep	12:20 - 12:40
9	John Fabian Timoteo Torres and Orlando Camavilca Chavez	Development of Software that Allows Automating the Process of Interviews and Evaluations of Job Applicants in Order to Generate a Diagnosis of the Personnel Selection Process in a Company.	7	3-Sep	12:40 - 1:00
10	Robert Richard Quispe Concha and Omar Nolberto Diaz Sanchez	Flash Tractor: Production calculation	8	4-Sep	9:40 - 10:00
11	Yomira Reys Asencio and Lisbeth Quincho Ramos	Implementation of a Twitter Information Analysis System Using Apache Spark to Align the Sales Campaign in a Department Store for the Company Saga Falabella.	8	4-Sep	10:00 - 10:20
12	Leonardo Francisco Curaca Sucapuca and Edwin William Arévalo Sermeño	Development and Implementation of an Administration and Resource Management System for the Sukitex company.	8	4-Sep	10:20 - 10:40
13	Renzo Leonardo Vilchez Sumaria and Junior Vásquez Palacios	Design of Multimedia Processes for Execution of Maintenance Tasks and Recognition of Heavy Machinery Components, to Improve Revenue Collection by Dealers.	8	4-Sep	10:40 - 11:00
14	Jorge Mosiah Machicao Romainville, Dietmar Dilmer Huanaco Gambarini and Anderson Sandro Villanueva Velasquez	Deflolo: 313 GC Excavator Hydraulic Tank Internal Inspection Drone	8	4-Aug	11:00 - 11:20
15	Janny Marinell Riquez Mayhua and Vladimir Vilchez Villarreal	Scoter with Electromechanical Storage System and Portable Luminaires for Adolescent Students with Low Resources in the District of Comas, LIMA - PERU.	8	4-Sep	11:20 - 11:40
16	Ruben Dario Panduro Gutierrez and Fernando Enrique Tello Vargas	Non-invasive ventilation system with remote monitoring of oxygen saturation for patients with covid19	8	4-Sep	11:40 - 12:00
17	Juan Diego Maldonado Hurtado	Design and Implementation of a Reporting System applied to an Iron Production Plant.	8	4-Sep	12:00 - 12:20
18	Sebastian Rony Caballa Barrientos and Eduardo Bryan Prada Licla	Misi	8	4-Sep	12:20 - 12:40