

# FRIDAY 20

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
					Track 12.1	Track 13.1:	Track 10.3:	Welcome 2 (videos) Marcia Paiva-Design net topologies use graph invariants
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	4 papers	4 papers	4 papers	
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
				Power Electron. Track 12	Other topics	CompNet Ind. Production	Other topics	
Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Signal Processing Track 10	Track 6	Track 3	Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 5,5: (Energy and Power Systems – Session chairs: Yamisleydi Salgueiro: Cuba –Marcelo Cortés: Chile)				
Paper #	Authors	Title	Room	Time
178	Marcelo Cortes Carmona, Abdiel Mallco Carpio, Williams Calderón Muñoz, Rodrigo Palma-Behnke and Jorge Reyes Marambio	Altitude Effect in the Design of a Lithium-Ion Battery Packing System	1	09:00-10:30
179	Marcelo Cortes Carmona, Pablo Medina and Jessica Guevara Cedeño	Optimal Programming of Insulator Washing in Transmission Lines and Substations	1	09:00-10:30
236	Ricardo Enrique Pérez Guzmán, Yamisleydi Salgueiro Sicilia and Marco Esteban Rivera Abarca	Communications in Smart Grids	1	11:00-12:15
243	Yamisleydi Salgueiro Sicilia, Marco Rivera and Cesar Astudillo	Support Vector Machines for Classification of Electrical Resistance Values within a VSI	1	14:00-16:00
Track 5,6: (Energy and Power Systems – Session chairs: Fredy Ferreira: Paraguay – Héctor Chávez: Chile)				
Paper #	Authors	Title	Room	Time
163	Fredy Fernando Ferreira Acosta, Daniel Alberto Rios Festner, Félix Fernández, Francisco Escudero and Gerardo Blanco	Valuing Risk and Flexibility of the Yguazú Hydropower Project in Paraguay	1	09:00-10:30
203	Diego Jiménez and María Vives	Development of a Methodology for Planning and Design of Micro-grids for Rural Electrification	1	09:00-10:30
209	Daniel Gonzalez and Hector Chavez	Towards Optimal Wind Power Plant Connecting Line Dimmensioning	1	11:00-12:15

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	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:	Track 5,4: (Energy and Power Systems – Session chairs: Diego Chacón: Ecuador – John Castro: Chile)					
					Track 12.1: 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva-Design net topologies use graph invariants	Paper #	Authors	Title	Room	Time	
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3: 4 papers										128
10:30-11:00	Cofee break								131	John W. Castro, Pablo Meléndez M. and Efraín R. Fonseca C.	Energy Management Software Systems Based on ISO 50001 Standard: A Preliminary Systematic Mapping Study	7	16:30-18:30	
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4: 2 papers	Track 12.2: 4 papers	Track 13.2: 4 papers	Track 15: 4 papers	Track 10.4: 4 papers						Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"	142	Javier Vique, Javier Hernan Iturralde and Alvaro Santiago Mullo Quevedo	Análisis de la incidencia de las puestas a tierra con alta resistividad frente a descargas atmosféricas en la línea de Subtansmisión de 69KV San Rafael - Mulalo.	7	16:30-18:30	
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN						
13:00-14:00	Lunch								161	Diego Paul Chacon Troya, Christian Enriquez and Hector Romero	Simulation of Harmonics Produced by Electroliners in the Electrical Network of Cuenca City	7	16:30-18:30	
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8						
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations	Track 5,7: (Energy and Power Systems – Session chair: Nelson Aros: Chile)					
16:00 -16:30	Cofee break				SSN Poster Presentations				Paper #	Authors	Title	Room	Time	
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards						213
									239	Nicolás Mira-Gebauer, Erick Rojo-Olea and Patricio Mendoza-Araya	Induction machine small-signal impedance for stability studies using dynamic phasor modeling	1	14:00-16:00	
Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Power Electron. Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN						
18:00	Closure	Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)								277	Pablo Sanchez and Nelson Aros	Modeling of the Electrical Impact of the Tower Flexion in a Wind Turbine	1	14:00-16:00

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									Track 8.3:(Automatic and Process Control – Session chairs: Leonardo Benavides: Ecuador – Hugo Garcés: Chile)					
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:	Paper #	Authors	Title	Room	Time	
9:00-10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	Track 12.1 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants	165	Hugo Garces and Alejandro Rojas	Identification and Control of Total Radiation in a Combustion Process Based on Hammerstein Systems	2	09:00- 10:30	
10:30-11:00	Cofee break								166	Ademar Goncalves Costa Junior, Jose Leonardo Benavides Maldonado, Fabricio Alvarado Romero, Jhon Calderon Sanmartín, Michael Valarezo and Hernán Castillo	N4SID Method Applied to Obtain a Discrete-Time Linear State Space System as a Mathematical Model of a Jaw Crusher Prototype	2	09:00- 10:30	
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.	173	Jonathan Palma, Leonardo Carvalho, Tábitha Rosa, Cecília Morais and Ricardo Oliveira	H-2 filtering through multi-hop networks: trade-off analysis between the network consumption and performance degradation	2	09:00- 10:30	
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"	189	Leonardo Carvalho, Jonathan Matías Palma Olate, Alim Gonçalves and Cristian Duran-Faundez	Applying Polytopic Uncertainty in the Vehicle-Following Problem with Lossy Networks	2	11:00- 12:15	
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electro- nics	Agro-food GRSS	Signal process- ing	Track SSN						
13:00-14:00	Lunch													
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Track 8.4:(Automatic and Process Control – Session chairs: Edwin Pruna: Ecuador – Karina Barbosa: Chile)					
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations	194	Gerald Torres, Karina Barbosa and Francisco Cubillos	No Lineal Control Design to Direct Rotary Dryer	2	11:00- 12:15	
16:00-16:30	Cofee break				SSN Poster Presentations									
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards	197	Felipe Alarcón, Iván Velásquez, Renato Hunter, Boris Pavez and Roberto Moncada	Hybrid PID-Fuzzy pitch control for wind turbines	2	11:00- 12:15	
				Power Electron. Track 12	Other topics Track 6	CompNet Ind. Pro- duction Track 3	Other topics Track 6		205	Kristhian Ardura and Nelson Aros	Model Predictive Control on a Induction Machine for Electric Traction	2	11:00- 12:15	
Tracks	Energía Track 5	Autom. Process Control Track 8	TIC y communi- cation Track 7	Signal Processing Track 10	Other topics Track 6	CompNet Ind. Pro- duction Track 3	Other topics Track 6	Track SSN	206	Edwin Pruna, Santiago Mullo, Jhonathan Caicedo, Xavier Zambrano, Ivón Escobar, Andrés Gordón and Patricia Constante	Distributed System for the monitoring and control of Processes	2	11:00- 12:15	
18:00	Closure	Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)												

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									Track 8.5:(Automatic and Process Control – Session chairs: Sergio Castro: Colombia – Carlos Muñoz: Chile)						
Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:			Paper #	Authors	Title	Room	Time	
9:00-10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	Track 12.1 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva-Design net topologies use graph invariants			214	Víctor Gutiérrez-Godoy, Luciano González-González, Christian Hernández-Novoa, Cristian Duran-Faundez, Ernesto Rubio, Alleiny Machado Sosa, Krzysztof Herman and Jonathan M. Palma	Wireless control of a coupled tanks system: A case study	2	14:00-16:00
									Cofee break						
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.			230	Carlos Muñoz and Mario Fernández	Sliding Mode Controller applied to a Levitated Magnetic Suspension System. A didactic view	2	14:00-16:00
									Plenary 11: Ioannis Vourkas, Chile						
12:15-13:15	Plenary 12: Pedro Albertos, Spain							Jeanna Matheews: Problemas de "Big Data"			231	Sergio Castro, Byron Medina, Sergio Sepúlveda, Dinael Guevara and Luis Camargo	Methodology for Virtual Instruments development	2	14:00-16:00
		Energy and PS Control													
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN			234	Rodrigo Oróstica, Manuel A. Duarte-Mermoud, Cristian Jáuregui and Gastón Lefranc	Inverted Pendulum Stabilization by means of Inverted Pendulum Stabilization by means of	2	14:00-16:00
									Lunch						
13:00-14:00	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8			241	Dany Siadén Paiva and Edilberto Vásquez Díaz	Comparative Analysis of adaptive PID and NEPSAC Controller Performance for Continuous Stirred Tank Heater	2	14:00-16:00
									Track 8.6:(Automatic and Process Control – Session chairs: Mairon Marques: Brazil – Nelson Gatica: Chile)						
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations			257	Mairon Marques, Murillo Magan, Ruberlei Gaino and Márcio Covacic	Control of Uncertain System Represented By Polytope Using Enhanced Lyapunov Function	2	16:00-17:50
									Cofee break						
16:00-16:30	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers			Track 3: 2 papers	SSN Awards			263	Nelson Gatica, Carlos Muñoz and Patricio Sellado	Real fuzzy PID control of the UAV AR.Drone 2.0 for hovering under disturbances in known environments	2	16:00-17:50
					SSN Poster Presentations										
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers	Power Electron. Track 12	Other topics	CompNet Ind. Production	Other topics			274	William Ipanaqué and Irene Alvarado	Wiener Predictive Control for a pH neutralisation plant	2	16:00-17:50
									Energy Track 5						
Tracks	Track 5	Autom. Control Track 8	TIC y communication Track 7	Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN			127	Felipe Arriagada and Francisco Vargas	Optimal state prediction in feedback systems with data loss compensation strategies.	2	16:00-17:50
									18:00 Closure						
Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)															

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10:30-11:00	Cofee break							
					Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	4 papers	4 papers	4 papers	
	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos Spain						Jeanna Matheews: Problemas de "Big Data"
12:15-13:15								
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
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				Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	6 papers				
16:00 -16:30	Cofee break				SSN Poster Presentations			
				Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	6 papers				
				Power Electron. Track 12	Other topics Track 10	CompNet Ind. Production Track 3	Other topics Track 6	
Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Signal Processing Track 10	Track 6	Track 3	Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 11.5: (Robotics and Artif. Intelligence and Vision – Session chairs: Nathalie Risso: USA – Patricia Muñoz: Chile)				
Paper #	Authors	Title	Room	Time
232	Ricardo Fernando Nunes and Suely Cunha Amaro Mantovani	Inverse kinematics of robotic manipulators mapping using parallel configured RNAS applied to a 5 DOF manipulator controlled by Intel® Galileo Gen 2	3	9:00-10:30
259	Elizabeth Olson, Nathalie Risso, Adam Johnson and Jonathan Sprinkle	Fuzzy Control of an Autonomous Car using a Smart Phone Camera	3	9:00-10:30
266	Wilbert G. Aguilar, Leandro Álvarez and Sebastián Sandoval	Analysis of a Laser Range Finder for Odometry on Indoor Mobile Robots	3	9:00-10:30
290	Patricia Muñoz Bustos, Sonia Salvo Garrido, Millaray Curilem Saldias, Horacio Miranda Vargas and Mónica Bravo Sanzana	Selection of determinant attributes for the results of the SIMCE Matemática 2015 of 8º degree, Region de La Araucanía Chile, using Genetic Algorithms and Support Vector Machines	3	9:00-10:30
Track 11.6: (Robotics and Artif. Intelligence and Vision – Session chairs: William Ipanaqué: Perú – Marcela Jamett: Chile)				
Paper #	Authors	Title	Room	Time
270	Jovanny Bedoya Guapacha and Suely Cunha Amaro Mantovani	Real time object detection and tracking using the Kalman Filter embedded in single board in a robot	3	11:00-12:15
275	Ernesto Paiva-Peredo, Than Carlos Soto, William Ipanaqué, Cesar Cherre, Oscar Yañez and Gustavo Silva	Design of the Position Control of a Quad-rotor using Optical Flow Sensor and LIDAR	3	11:00-12:15
276	William Gutiérrez and Marcela Jamett	ReconociWednto facial de personas mediante visión artificial y redes neuronales artificiales	3	11:00-12:15

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12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
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14:00-16:00	Track 5.4: 4 papers	Track 8.5 5 papers	Track 7.5: 6 papers	Track 10.5: 5 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
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18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 7.5: (Information Tech. and Comm. Systems – Session chairs: Gonzalo Olmedo: Ecuador – Samuel Montejo: Chile)				
Paper #	Authors	Title	Room	Time
200	Pablo Velasquez, Christian Correa and Diego Rivera	A low-cost IoT based Environmental Monitoring System. A citizen approach to pollution awareness	3	14:00-16:00
223	Nicolás López and Claudio Valencia	Constant Jamming Experimental Results on Indoor Wireless Sensor Network	3	14:00-16:00
229	Samuel Montejo-Sánchez, Cesar Azurdia-Meza, Sandy Bolufé, Sandra Céspedes, Ismael Soto and Richard Demo Souza	Novel Channel Hopping Sequence Approaches to Rendezvous for VANETs	3	14:00-16:00
233	Gonzalo Olmedo and Nancy Paredes	Analytical performance evaluation for M-QAM with cochannel interference in cellular networks over AWGN and Rayleigh fading channels	3	14:00-16:00
244	Vicente Marín, Ariel Leiva, Alejandra Beghelli, Francisco Pizarro, Ricardo Olivares and Cesar Garrido	A RMLSA Algorithm for Wide-Area Flex-Optical Networks	3	14:00-16:00
279	Daniel G. Costa, Cristian Duran-Faundez and Joao Carlos N. Bittencourt	Availability Issues for Relevant Area Coverage in Wireless Visual Sensor Networks	3	14:00-16:00

Track 16: (IEEE-ABB <Invited session> – Session chairs: Daniel Sánchez: Chile – Alfredo Iriarte: Chile)				
Paper #	Authors	Title	Room	Time
56	Williams Flores-Guerrero, Hugues Renaudineau and Samir Kouro	Microinverter based on series connected submodular photovoltaic power cells	3	16:30 - 17:50
174	Marco Oyarzo	Energy Efficiency in Electric Marine Propulsion	3	16:30 - 17:50
183	Daniel Sánchez, Antonio Sánchez-Squella, Álvaro Orellana and Dhruv Shah	Design and test of an On-grid Power converter used to connect a variable speed low voltage generator	3	16:30 - 17:50
280	Carlos Rojas, A. Iriarte, Mara Cea and Juan Pablo Cardenas-R	Thermal insulation materials based on natural fibers waste for application in sustainable buildings	3	16:30 - 17:50

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Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Power Electron. Track 12 Signal Processing Track 10	Other topics Track 6	CompNet Track 2 Ind. Production Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 1.3 (Biomedical Engineering – Session chairs: Huber Nieto-Chaupis: Perú – Héctor Kashel: Chile)				
Paper #	Authors	Title	Room	Time
135	Andres Arcentales, Melissa Raza and Beatriz Giraldo	Characterization of HRV and QRS Slope During Audiovisual Stimulation	4	09:00-10:30
138	Huber Nieto-Chaupis	Proposal of a Telecare System for Monitoring Glucose Anomalous Behavior in Type-2 Diabetes Patients	4	09:00-10:30
172	Jose Cardenas and Hector Kaschel	Fetal ECG Multi-level Analysis using Daubechies Wavelet Transform for Non-invasive Maternal Abdominal ECG recordings	4	09:00-10:30
185	Yadini López, Cicero Costa Filho, Luis Aguilera and Marly Costa	Automatic classification of light field smear microscopy patches using Convolutional Neural Networks for identifying Mycobacterium Tuberculosis	4	09:00-10:30
Track 1.4 (Biomedical Engineering – Session chairs: Huber Nieto-Chaupis: Perú)				
Paper #	Authors	Title	Room	Time
251	Huber Nieto-Chaupis	Monte Carlo Simulation for the Very Anticipated Detection of Charged Giants Proteins in Type-2 Diabetes Patients based on the Internet of Bio-Nano Things	4	11:00-12:15
272	Mauricio Poblete, Romina Torres and Rodrigo Rooms	Classifying human daily life actions using computational intelligence techniques	4	11:00-12:15

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10:30-11:00	Coffee break							
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12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00-16:30	Coffee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Power Electr Track12 Energía Track 5	Autom. Process Control Track 8	TIC y communication Track 7	Power Electron. Track 12 Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 10.5: (Signal Processing – Session chairs: Witman Alvarado: Perú – Jean Carlos Santos: Brazil)				
Paper #	Authors	Title	Room	Time
242	Witman Joel Alvarado Diaz and Avid Roman Gonzalez	Implementation of a Brain-machine interface for controlling a wheelchair	4	14:00-16:00
245	Jean Carlos Fabiano Dos Santos and Jose Alexandre De França	Frontier solution and recovery of corrupted ultrasonic echoes on an anemometer, using zero-crossing technique	4	14:00-16:00
264	Brian Andreé Meneses Claudio and Eduardo Manuel Zamora Villaorduña	Implementation of a wireless system for the processing and comparison of cerebral waves of patients with amiotrophic lateral sclerosis through matlab identifying its basic needs	4	14:00-16:00
Track 12.3: (Power Electronics – Session chairs: Rodrigo Aliaga: Chile – Marco Rivera: Chile)				
Paper #	Authors	Title	Room	Time
281	Javier Muñoz, Patricio Gaisse, Fausto Cadena, Carlos Baier and Rodrigo Aliaga	Proportional Resonant Controller for a 27-Level Asymmetric Multilevel STATCOM	4	14:00-16:00
282	S. Toledo, E. Maqueda, Marco Rivera, R. Gregor, D. Caballero, F. Gavilán and J. Rodas	Experimental Assessment of IGBT and SiC-MOSFET based Technologies for Matrix Converter using Predictive Current Control	4	14:00-16:00
283	S. Toledo, Marco Rivera, JaFrir Muñoz, R. Peña and J. Riveros	Predictive Torque and Flux Control with Reactive Power Minimization for a Multi-Drive Indirect Matrix Converter System operating at Fixed Switching Frequency	4	14:00-16:00
285	Marco Rivera, M. Amirbande, Aabolfazl Vahedi, Luca Tarisciotti and Patrick Wheeler	Fixed Frequency Model Predictive Control with Active Damping for an Indirect Matrix Converter	4	14:00-16:00
286	Marco Rivera, Usman Nasir, Luca Tarisciotti, Patrick Wheeler, Tomislav Dragicevic and Frede Blaabjerg	Predictive Control Strategies for an Indirect Matrix Converter Operating at Fixed Switching Frequency	4	14:00-16:00
287	Felipe Herrera, Marco Rivera and Jose Agustin Riveros Insfran	Implementation of Modulation and Control Techniques for Multilevel NPC Converters	4	14:00-16:00

# FRIDAY 20

									Track 12.1: (Power Electronics – Session chairs: Elmer Hanco: Brazil – Marco Rivera: Chile)				
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:	Paper #	Authors	Title	Room	Time
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3: 4 papers	Track 12.1: 4 papers	Track 3.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants	1	Marco Rivera, Zhengfei Di, Jiawei Zhang and Patrick Wheeler	Indirect Predictive Control Strategy with Mitigation of Input Filter Resonances for a Direct Matrix Converter	5	9:00-10:30
10:30-11:00	Coffee break								2	Marco Rivera, Handbing Dan, Luca Tarisciotti and Patrick Wheeler	Indirect Model Predictive Control Strategy with Active Damping Implementation for a Direct Matrix Converter Operating at Fixed Switching Frequency	5	9:00-10:30
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4: 2 papers	Track 12.2: 4 papers	Track 3.2: 4 papers	Track 15: 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.	77	Ponkumar. S, Famitha Kamroon. S, Marco Rivera and Ganesh Kumar S	Realization of cascaded multilevel inverter	5	9:00-10:30
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"	114	Elmer Osman Hanco Catata, Diodomiro Baldomero Luque Carcasi and José Luiz Azcue Puma	Comparative Analysis of Two Torque Control Strategies for 6/4 Switched Reluctance Machine	5	9:00-10:30
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN					
13:00-14:00	Lunch								Track 12.2: (Power Electronics – Session chairs: Rubén Peña: Chile – Javier Muñoz: Chile)				
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Paper #	Authors	Title	Room	Time
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations	170	Nelson Aros, Vanessa Mora and Claudio Alarcon	Model Predictive Control for Synchronous Reluctance Motor Drive	5	11:00-12:15
16:00 -16:30	Coffee break				SSN Poster Presentations				180	Javier Muñoz, Ignacio Torres and Johan Guzman	Modulation Index Sweep for Selective Harmonic Elimination Technique for a 27-Level Asymmetric Multilevel Converter	5	11:00-12:15
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards	190	Cristián Pesce G., Rubén Peña and JaFrir Riedemann	An Improved DC-DC Modified Flyback Converter Topology with High Efficiency	5	11:00-12:15
Tracks	Power Electr Track12 Energía Track 5	Autom. Process Control Track 8	TIC y communication Track 7	Power Electron. Track 12 Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN	218	Diego Soto-Sanchez, Marcelo Hernandez, Ivan Andrade and Ruben Peña	Control of an Asymmetric Alternate Arm Converter for HVDC	5	11:00-12:15
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)												

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	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	Track 12.1 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Power Electron. Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 6.1: (Other topics – Session chairs: Diego Benítez: Ecuador – Nicolás Ramos: Chile)				
Paper #	Authors	Title	Room	Time
84	Cristian Fiallos, Raul Haro, Freddy Acosta and Diego Benitez	On the Design, Simulation and Fabrication of Multiple Section Coupled-Line Directional Couplers at C-band using Microstrip Technology	5	14:00-16:00
118	Nicolas Ramos, Alfredo Rates, Nicolas M. Ortega, Felipe E. Besser and Ernest A. Michael	Coupling Optimization of a Traveling Wave in a Single-Mode Optical Fiber based on Reference Model Controller	5	14:00-16:00
132	Katherine Cortes, Rodrigo Reeves, Pekka Kangaslahti, Miguel Figueroa, Wagner Ramírez, Lilian Mora, Pablo Cartes, David Arroyo, Brian Molina and Gonzalo Burgos	Development of at water vapor radiometer at 183 GHz for sites of extreme dryness	5	14:00-16:00
141	Alan Sanchez, Roberto Tapia and Esteban Vera	Comparative Analysis of Optical Image Compression Systems	5	14:00-16:00
153	Franklin Placencia, Victor Manzano, Juan Pallo, Marco Jurado and Dennis Chicaiza	Electronic clothes for vital signs monitorig	5	14:00-16:00
168	Alejandro Navarro, Raul Burgos and Carlos Muñoz	Forest fire monitoring system, with visible spectrum cameras, in Torres del Paine National Park; Chilean Patagonia.	5	14:00-16:00

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	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:	Track 13.1: (Agrofoods – Session chairs: Andres Aramburu: Perú – Raúl Carrasco: Chile)					
9:00-10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	Track 12.1 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants	Paper #	Authors	Title	Room	Time	
									6	Andres Aramburu Pardo Figueroa, Jose Jose Manrique Silupu and Rafael Saavedra Garcia Zabaleta	Adaptive PID controller with auto-tuning applied to the agricultural food industry	4	9:00-10:30	
10:30-11:00	Cofee break								143	Raul Carrasco, Fabian Seguel, Luis Osorio, Carolina Lagos and Ismael Soto	Analysis of the water balance in plantations of strawberries, in the commune of San Pedro	4	9:00-10:30	
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 4 papers	Track 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.	187	Yetzabel González, Roberto Ahumada-García, Patricia Möller-Acuña and José Antonio Reyes-Suárez	A system for online quality analysis for cherry harvest process inside the orchard	4	9:00-10:30
										188	Patricia Möller-Acuña, Roberto Ahumada-García and José Antonio Reyes-Suárez	An information System for online Quality Control of Export Fruits	4	9:00-10:30
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"	Track 13.2: (Agrofoods – Session chairs: William Ipanaque: Perú – Alan Vera: Chile)					
									Paper #	Authors	Title	Room	Time	
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN	260	Juan Soto, Ernesto Paiva, William Ipanaque, Jorge Reyes, Daniel Espinoza and David Mendoza	Cocoa bean quality assessment by using hyperspectral index for determining the state of fermentation with a non-destructive analysis	4	11:00-12:15	
13:00-14:00	Lunch								262	Christian Correa, Lorenzo Vasquez and Alan Vera	Development of Robotic System for Humus Productions. A Strategy for recycling Awareness	4	11:00-12:15	
14:00-16:00	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Track 15: (GRSS-Geosc. and Rem. Sensors <Inv. session> – Session chairs: Daniel Icaza: Ecuador – Gustavo Schleyer: Chile)					
									Paper #	Authors	Title	Room	Time	
16:30-17:50	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations	261	Daniel Icaza, Bolivar Jara, Fernando Flores, Flavio Conce and Héctor Conce.	System for the Monitoring of Earth and Rock Flows due to overflows of high risk sites supported in Telecommunications Networks.	6	11:00-12:15	
									265	Gustavo Schleyer, Felipe Cid, Paulo Gallardo, María Elisa Arroyo, Marygrace Balinos and Cayetano Espinosa	Citizen Science for Wildlife Monitoring Support	6	11:00-12:15	
18:00	Closure	Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)										6		

# FRIDAY 20

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
					Track 12.1	Track 13.1	Track 10.3	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	4 papers	4 papers	4 papers	
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electro- nics	Agro-food GRSS	Signal process- ing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Energía Track 5	Autom. Process Control Track 8	TIC y communi- cation Track 7	Power Electron. Track 12 Signal Processing Track 10	Other topics Track 6	CompNet Track 2 Ind. Pro- duction Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 2 (Computer Networks – Session chairs: Vinicio Ramos: Ecuador – Héctor Kashel: Chile)				
Paper #	Authors	Title	Room	Time
13	Jan Camilo Quequezana Buendia and Julio Santisteban Pablo	AL-DDoS Attack Detection Optimized with Genetic Algorithms	6	14:00-16:00
91	Yasmany Prieto, Nicolás Boettcher, Sergio K. Sobarzo and Jorge E. Pezoa	Increasing Network Reliability to Correlated Failures Through Optimal Multiculture Design	6	14:00-16:00
92	Hector Kaschel and Karel Toledo	Energy Efficient Spectrum Management in Cognitive Radio Sensor Networks	6	14:00-16:00
116	Julio Flores, Vinicio Ramos, Raúl Lozada and Tony Flores	Analysis of solutions of Network Access Control to improve in and out securities on Corporative Networks	6	14:00-16:00
238	Tiago Araújo, Fernando Matos and Josilene Moreira	Intrusion Detection Systems' Performance for Distributed Denial-of-Service Attack	6	14:00-16:00
246	Pablo Leonidas Gallegos-Segovia, Jack Fernando Bravo-Torres, Paúl Esteban Vintimilla-Tapia, Victor Manuel Larios-Rosillo, Iván Fernando Yuquilima-Albarado and Santiago J. Arévalo-Cordero	Living Lab concept for cloud analysis in networks of metropolitan sensors applying the concept of SD-WAN and hybrid networks	6	14:00-16:00
Track 3 (Production and Industry – Session chair: José Mardones: Chile)				
Paper #	Authors	Title	Room	Time
216	Victor Olivares, Felisa Cordova and Claudia Duran	Transport logistics for fleet of drones in a Mass Customization System	6	16:30-17:30
219	José Mardones, Andrés Iroume and Rodrigo Roomzar	Data Register and Variable Monitoring System from Water Stream in Forest and Plantation Basins.	6	16:30-17:30

# FRIDAY 20

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
					Track 12.1: 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva-Design net topologies use graph invariants
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3: 4 papers				
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4: 2 papers	Track 12.2: 4 papers	Track 13.2: 4 papers	Track 15: 4 papers	Track 10.4: 4 papers
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Track SSN
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electronics	Agro-food GRSS	Signal processing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Energía Track 5	Autom. Control Track 8	TIC y communication Track 7	Power Electron. Signal Processing Track 10	Other topics Track 6	CompNet Ind. Production Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 10.3: (Signal Processing – Session chairs: Krzysztof Herman: Chile – Felipe Tobar: Chile)				
Paper #	Authors	Title	Room	Time
171	Lerko Araya-Hernández, Jorge F. Silva, Axel Osses and Felipe Tobar	A Bayesian Mixture-of-Gaussians Model for Astronomical Observations in Interferometry	7	9:00-10:30
175	Alejandro Cuevas, Alejandro Veragua, Sonia Español, Gustavo Chiang and Felipe Tobar	Unsupervised Blue Whale Call Detection Using Multiple Time-Frequency Features	7	9:00-10:30
182	Krzysztof Herman and Washington Fernández Ravanales	A comparative study of selected methods for ultrasonic signals energy estimation for target strength and distance evaluation	7	9:00-10:30
Track 10.4: (Signal Processing – Session chairs: Guzman Viglicca: Uruguay – Fernando Castillo: Chile)				
Paper #	Authors	Title	Room	Time
195	Guzman Viglicca, Maximiliano Silva, Vittorio Scopelli, Nicolás Pérez and Pablo Monzón	Impact localization in solid surfaces using acoustic waves	7	11:00-12:15
210	Josué Hernández, Abél López, Armando Serrano and Abraham Medina	Measurement of the sound pressure level during the discharge process of a tilted silo	7	11:00-12:15
235	Fernando Antonio Castillo, Jose Cifuentes and Milton Marín	Study of Spectral Emission of burning Biomass in the VIS and NIR Spectral Band	7	11:00-12:15



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	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	Track 12.1 4 papers	Track 13.1: 4 papers	Track 10.3: 4 papers	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electro- nics	Agro-food GRSS	Signal process- ing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Energía Track 5	Autom. Process Control Track 8	TIC y communi- cation Track 7	Power Electron. Track 12 Signal Processing Track 10	Other topics Track 6	CompNet Track 2 Ind. Pro- duction Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2018)							

Track 17: (SSN <Invited session>)			
Activities	Session	Room	Time
Welcome to SSN	Thu 19	3	9:00
Plenary Talk 6: Cristina Cano, Optimización de redes inalámbricas complejas: es machine learning la panacea? Irlanda.	Thu 19	3	9:30-10:30
Plenary Talks 9 SSN; IoT para apoyo de Samat Cities.Sandra Céspedes, Universidad de Chile.	Thu 19	3	11:00-12:00
Plenary Talks 10 SSN: Wiliam Isatagu-Internet of Things in Public Health - An Approach to Implementing Human Smart Cities	Thu 19	3	12:00-13:00
Christian Lazo: Experiencia Smartcities en Valdivia.	Thu 19	3	14:00-15:00
Francisca Varela- Organizaciones orientadas a los datos	Thu 19	3	15:00-16:00
Sesión de Mentoring	Thu 19	3	16:30

# FRIDAY 20

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8:
					Track 12.1	Track 13.1	Track 10.3	Welcome 2 (videos) Marcia Paiva- Design net topologies use graph invariants
9:00 -10:30	Track 5.5: 4 papers	Track 8.3: 4 papers	Track 11.5: 4 papers	Track 1.3 4 papers	4 papers	4 papers	4 papers	
10:30-11:00	Cofee break							
11:00-12:15	Track 5.6: 4 papers	Track 8.4: 4 papers	Track 11.6: 3 papers	Track 1.4 2 papers	Track 12.2: 4 papers	Track 13.2 Tract 15: 4 papers	Track 10.4: 4 papers	Isabel Amigo: Teoría juegos cooperativa y aplic en redes.
12:15-13:15	Plenary 11: Ioannis Vourkas, Chile	Plenary 12: Pedro Albertos, Spain						Jeanna Matheews: Problemas de "Big Data"
Tracks	Energy and PS	Control	Robotics & IA	Bio Eng	Power electro- nics	Agro-food GRSS	Signal process- ing	Track SSN
13:00-14:00	Lunch							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
14:00-16:00	Track 5.4: 4 papers	Track 8.5: 5 papers	Track 7.5: 6 papers	Track 10.5: 6 papers	Track 6.1: 6 papers	Track 2: 6 papers	Track 6.2: 6 papers	Student presentations
16:00 -16:30	Cofee break				SSN Poster Presentations			
16:30-17:50	Track 5.7: 4 papers	Track 8.6: 4 papers	Track 16: 4 papers	Track 12.3: 6 papers		Track 3: 2 papers		SSN Awards
Tracks	Energía Track 5	Autom. Process Control Track 8	TIC y communi- cation Track 7	Power Electron. Signal Processing Track 10	Track 12 Other topics Track 6	CompNet Ind. Pro- duction Track 3	Other topics Track 6	Track SSN
18:00	Closure Carlos Muñoz and Cristian Duran (Presenting IEEE ICA ACCA Conference 2016)							

Second day (videos)			Fri 20	8	9:00- 9:30
Marcia Paiva- Designing network topologies using graph invariants			Fri 20	8	9:30- 10:30
Isabel Amigo- Teoría de juegos cooperativa y su aplicación en redes.			Fri 20	8	11:00- 12:00
Jeanna Matheews- Los grandes problemas de "Big Data			Fri 20	8	12:00- 13:00
Presentaciones Estudiantes					
Pap er #	Authors	Title	Session	Room	Time
289	Caterina Munoz, Francisco Cifuentes, Francisco Montoto and Javier Bustos-Jiménez.	Building a Threshold Cryptographic Distributed HSM with Docker Containers			
291	Fabio Lima, Marcia Paiva and Marcelo Segatto.	Linear Time Optimal Amplifier Placement on OTNs			
292	Daniela Bertolini Depizzol, Marcia Helena Moreira Paiva and Marcelo Eduardo Vieira Segatto.	Evaluating community detection methods in a controlled experiment			
294	R. Alves, M. Rodrigues, M. Paiva and M. Segatto.	A Note on Resilience of Telecommunication Net	Fri 20	8	14:00- 16:00
Premiación SSN. Closure			Fri 20	8	16:30