

DATE	NOVEMBER 18															
VENUE	UNINORTE															
ROOM	ROOM 1				ROOM 2				ROOM 3				ROOM 4			
7:30	Registrations															
8:30	IEEE CASS: Opportunities and International Insertion															
9:30	Keynote: Dr. Roberto Lavarello (PER) EMBS Talk															
10:30	Coffe Break															
11:00	Keynote: Giovanna Ramírez (COL) AESS Talk															
12:00	6 PES 13G2	3736	Equitable Participation of PV Prosumers in LV Distribution Networks	P				5 EMBS 12G2	911	MAMBU: A Bolivian Case of Response to Artificial Ventilators Shortage	V	5 Control 42G1	5911	Smith predictor based LAMDA Sliding-Mode Control applied to a Mixing Tank with Variable Dead	P	
12:15		2283	A Reduced Model of the Electric Power System of Spain for Teaching Primary Frequency Control	V					9145	Sensitivity Optimization of Kretschmann's Optical Sensors	V		7461	Piezoelectric manipulation robotic system for automatic handling of micrometric objects using visual	P	
12:30		9056	Inclusion of AGC Models in a Reduced Model of the Spanish Electric Power System	V					7766	Implementation of a computer-assisted surgical instrument sterilization system	V		9173	Detection and Diagnosis of Faults in a Four-Tank System using Artificial Neural Networks	P	
12:45		980	Effect of line model on experimental test results of travelling wave functions of a commercial relay	V					8211	Evaluation of the Skin Fixation Method of a Haptic Device to Provide Proprioceptive	V		3227	Control of a Water Tank Level Process Using IMC Controller	P	
13:00		208	Solar Irradiance Modeling using Stochastic Methods with Probability Functions	V					4498	Design and simulation of a geriatric wheelchair with automatic bipedestation system	V		9404	Fuzzy Controller Design for Rotary Inverted Pendulum System Using Genetic Algorithms	P	
13:15		7469	Study and simulation of the use of an active filter for the mitigation of current harmonics in electrical	V												
13:30	Lunch															
15:00	Keynote: Dr. Pablo Estevez (CHI) CIS Talk															
16:00	4 PES 13G2	5051	Lifetime Degradation Study of Batteries Operating as Community Energy Storage Systems	P	4 TEMS 11G2 Chair: Ignacio Consuegra	684	A review of the digital transformation maturity models for SMEs in search of a self-assessment	P	4 EMBS 12G2	3134	Detection and Analysis of ERPs for Social Cognition Evaluation 12G2	P	4 CIS 31G1 Chair: Julio Barzola	2350	Neural Text Classification for Digital Transformation in the Financial Regulatory Domain	P
16:15		4754	Computer Tool to Analyze the Effects of Opportunity and In-Motion Charging on Distribution	P		3341	Potential environmental impacts of a computer tool for the mutual assistance management in technological	P		4490	Supervised Machine Learning Applied in Non- Invasive EMG Signal Classification for an	P		4204	Detection and Classification of ventura-blueberries in five levels of ripeness from images taken	P
16:30		6018	An integrated testbed IEC61850-IIoT for Gas Insulated SF6 Monitoring in SCADA systems	P		5116	Perspectives and parameters for the use of digital banking	V		6263	Detection of Pathologies in X-Ray Chest Images using a Deep Convolutional Neural Network with Appropriate Data Augmentation Techniques	P		3517	Peak Hour Performance Prediction based on Machine Learning for LTE Mobile Cellular Network	P
16:45		6713	Co-simulation of a Two Area Power System Using an Adaptive Macro Step Size Method Based on	P		4554	The confluence of Lean Manufacturing and Industry 4.0: A Literature Review	V		6788	Human hand prosthesis simulation and control using electromyography signal	P		2647	Anatomical Patterns Recognition of Impulse Control Disorders of Parkinsonian Patients Using Deep	V
17:00	Coffee Break															
17:30	5 PES 13G2	7076	QFT robust controller for Buck-Boost DC-DC converters in solar PV applications	P	3 SP AES 11G1 Chair: Alexandra De La Cruz	5022	On Improving Comb Aliasing Rejection by Separating Multiple Zeros on Unit Circle	P	4 EMBS 12G2	3648	Characterization of Dermatoscopic Images for Melanoma Diagnosis by means of	P	4 CIS 31G1	2753	COMPUTATIONAL TOOL FOR TECHNOLOGICAL RISK ASSESSMENT IN THE TRANSPORT	P
17:45		7603	Optimal Power Flow for Three-phase Unbalanced Active Distribution Networks with Delta	P		5778	Main disturbance torques analysis over Altiplano territory for 1U CubeSat nadir earth pointing	V		8218	Automatic Brain White Matter Hyperintensities Segmentation with Swin U-Net	P		8349	Machine learning assisted composition of traditional music from the colombian caribbean	P
18:00		7833	Review of Wired Communication's Technologies for Active Distribution Networks	P		9427	Fault Diagnosing for Electric Motors Based in Noise Data Classification Using Deep Learning	V		1993	A numerical simulation of the mechanical structure of an ankle exoskeleton oriented to elderly	P		8740	Numerical simulation of a greenhouse coffee drying system using a continuous flow of hot air	P
18:15		7051	Economic Dispatch of Power Systems using Spatio-temporal Kriging-based Wind Forecasts	P						2640	Polarized and non-polarized digital dermatoscope: design, construction and validation	P		9854	Potatoes furrow line detection using aerial RGB image processing	P