CLAGTEE 2022

HOUR	ROOM A - AUDITORIUM	
	TUESDAY, NOVEMBER 29	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 10:30		WELCOME BREAKFAST + CREDENTIALS
10:30 to 11:00		OPENING CERIMONY
11:00 to 12:00		OPENING LECTURE "Time Inconsistencies Due to Simplifications in Stochastic Energy Planning: Hidden Costs and Distortions" by Prof. Dr. Davi Michel Valladão. Associate Professor at the Pontifical Catholic University of Rio de Janeiro (PUC-Rio)
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-1.3-1	Remote Access Platform to Sonar Data Applied to Ichthyofauna Monitoring in Hydroelectric Power Plants - University of Brasília , UnB, Brazil
14:15 to 14:30	B-2.1-45	Analysis of Sizing Internal Network of Wind Farm using Genetic Algorithm: A Case Study - Fluminense Federal University, RJ, Brazil
14:30 to 14:45	B-2.1-7	Charging Strategies for Electric Vehicles from Renewable Hybrid Systems - Federal University of Pará - Center of Excellence in Energy Efficiency in the Amazon (Ceamazon), Brazil
14:45 to 15:00	B-2.1-9	Optimized design of a hybrid wind-solar plant to maximize the energy produced - UFMA, São Luís, Maranhão, Brazil
15:00 to 15:15	B-2.1-24	Advances and developments of solar photovoltaic generation in Brazil: A case study applying different photovoltaic cells technologies for distributed generation - Federal University of Itajubá, Minas Gerais, Brazil
15:15 to 15:30	B-2.1-6	Analysis of the use of BAPVs and BIPVs for electric energy generation in buildings in urban areas - Pontificia Universidade Católica de Campinas, PUCC, Campinas, São Paulo, Brazil
15:30 to 16:00		COFFEE BREAK
16:00 to 17:00		LECTURE 2: "Creating Sustainability Programs for the University: A Practical Approach" by Prof. Dr. Samir El-Omari - University of Winsconsin-Platteville (USA)
17:00 to 17:15	B-2.1-50	Active Management of Distributed Energy Resources for voltage regulation of electrical network using Python/PSCAD Platform - UFJF, Juiz de Fora, Minas Gerais, Brazil
17:15 to 17:30	B-5.7-13	Chance-Constrained Mixed-Integer Programming Model For The Routing Of Electric Vehicles With Uncertainties In Travel - São Paulo State University, UNESP, Ilha Solteira, SP, Brazil
17:30 to 17:45	B-2.1-43	Insertion of PV-BESS Hybrid Plant in a Wind Farm: Case Study of Casa Nova, Bahia - SENAI CIMATEC, Salvador, Bahia, Brazil
17:45 to 18:00	B-2.1-31	Analysis of hosting capacity and network support connecting electric vehicles using PSCAD - Federal University of Juiz de Fora, UFJF, Juiz de Fora, Minas Gerais, Brazil

HOUR	ROOM B	
	TUESDAY, NOVEMBER 29	
	ID	EVENT / ARTICLE PRESENTATION
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-4.1-9	Analysis Of Blockchain Applications In Energy Transactions And Smart Networks - Federal Institute of Santa Catarina, IFSC, Florianópolis, Santa Catarina, Brazil
14:15 to 14:30	B-4.1-7	Decoupled Methodology For Power Flow Analysis In Islanded Microgrids - Federal University of Parana, UFPR, Curitiba, PR, Brazil
14:30 to 14:45	B-4.1-5	Dc Microgrids Power Flow Analysis - Federal University of Parana, UFPR, Curitiba, PR, Brazil
14:45 to 15:00	B-4.2-11	Energy Commercialization Evaluation Into A Peer-To-Peer (P2P) Framework In Microgrids Looking For Energy Communities - Polytechnic School of the University of São Paulo, USP, Sao Paulo, SP, Brazil
15:00 to 15:15	B-4.1-20	Data Pre-Treatment And Prediction Of Electrical Quantities Using Lstm Neural Network Models - University of Vale do Rio dos Sinos (Unisinos), Brazil
15:15 to 15:30	B-4.1-21	The Pathway To Electromobility In Brazil: Challenges And Initiatives From Electrical Sector - Institute of Electric Energy (IEE), Federal University of Maranhão (UFMA), São Luís, MA, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-7.1-7	Efficacy of hypoxanthine-3-N-oxide as an alternative method to protect ichthyofauna in hydroelectric plants - University of Brasília, UnB, Brasília, Federal District, Brazil
17:15 to 17:30	B-7.1-6	Environmental performance of biorefineries with methanol production alternative - Universidade Federal de Itajubá, Unifei, Itajubá, Minas Gerais, Brazil
17:30 to 17:45	B-7.2-2	Environmental Comparison of the Life Cycle of Biodiesel and Green Diesel (HVO) produced from palm oil in Brazil - Federal University of Itajubá- UNIFEI, Minas Gerais, Brazil
17:45 to 18:00	B-8.1-4	Economic Feasibility Of Integrated Battery And Photovoltaic Systems From The Perspective Of Low Voltage Consumers In Brazil - Universidade Federal de Minas Gerais, UFMG, Belo Horizonte, MG, Brazil

HOUR	ROOM C	
	TUESDAY, NOVEMBER 29	
	ID	EVENT / ARTICLE PRESENTATION
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-5.1-2	Spatial And Temporal Analysis Applied To The Optimal Battery Allocation In Electrical Distribution Systems - School of Energy Engineering, São Paulo State University (UNESP), Ilha Solteira/SP, Brazil
14:15 to 14:30	B-5.7-3	Improvements For The Operation Of Low Voltage Power Distribution Networks - Pontificia Universidad Católica de Valparaíso, School of Electric Engineering, PUCV, Valparaíso, Chile
14:30 to 14:45	B-5.1-1	The Role Of Energy Storage Systems In The Integration Of Renewable Generation Sources And Power Quality - University of São Paulo, USP, SP, Brazil
14:45 to 15:00	B-5.2-6	Probabilistic Optimal Power Flow Considering Load Uncertainties And Capacitor Allocation - Federal University of Juiz de Fora, UFJF, Juiz de Fora, Minas Gerais (MG), Brazil
15:00 to 15:15	B-5.2-4	Calculation Of Spinning Reserve And Reinforcements In Transmission For Systems With High Penetration Of Wind Generation - Juiz de Fora Federal University, MG, Brazil
15:15 to 15:30	B-5.7-28	Theoretical Analysis Of The Implementation Of Residential Photovoltaic Systems In Order To Mitigate Losses In Transmission Systems - São Paulo State University, UNESP, Guaratinguetá, São Paulo, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-2.1-571	Structuring Concepts and Tools for Formatting a Decarbonization Market in the Brazilian Energy Sector - University of São Paulo, USP, São Paulo, São Paulo, Brazil
17:15 to 17:30	B-2.1-60	Design and economic feasibility analysis of a grid-connected photovoltaic power systems at the Federal Institute of Roraima – Campus of Amajari (IFRR-CAM) - School of Engineering, Guaratinguetá, SP, Brazi
17:30 to 17:45	B-2.1-49	Application of the DER_A Model of Distributed Energy Resources in Power System Stability Studies - Federal University of Juiz de Fora - UFJF, Juiz de Fora, Minas Gerais, Brazil
17:45 to 18:00	B-2.1-14	Control system for the optimal dispatch of a hybrid photovoltaic-diesel generation - Federal University of Santa Maria, UFSM, Santa Maria, RS, Brazil

HOUR	ROOM D	
	TUESDAY, NOVEMBER 29	
	ID	EVENT / ARTICLE PRESENTATION
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-6.1-7	Reducing The Ground Potential Rise Using Square Plates In Grounding System Of Wind Turbines - University of Campinas, UNICAMP, Campinas, Brazil
14:15 to 14:30	B-6.1-6	Resistor Applications For Reducing Numerical Errors In Transient Simulations On Hvdc Transmission Lines - São Paulo State University - UNESP, São João da Boa Vista, SP, Brazil
14:30 to 14:45	B-6.2-14	Obtaining Post Contingency Loading Margin In Electrical Power Systems Via Artificial Neural Networks: Multilayer Perceptron And Radial Basis - São Paulo State University (Unesp), School of Sciences and Engineering, Tupã, SP, Brazil
14:45 to 15:00	B-6.2-7	Machine Learning For Power Line Inspection: An Automated Object Detector Based On Cnn - Universidade Federal do Rio Grande do Norte, UFRN, Natal, RN, Brazil
15:00 to 15:15	B-6.2-2	Medium Voltage Distribution Network Elements Classifier System Using Deep Learning - Pontificia Universidad Católica de Valparaíso, Chile
15:15 to 15:30	B-6.2-5	A Hybrid Method For Short Term Load Forecasting Using Soft Computing Techniques - University of São Paulo, USP, São Carlos, São Paulo, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-4.1-25	Regulatory Aspects Of The Insertion Of A Sustainable Alternative Of Third Energy Source For Transmission Substations - São Paulo State University, UNESP, Rosana, São Paulo, Brazil
17:15 to 17:30	B-4.1-14	Market Clearing Procedure In Transactive Energy Markets For Distribution Systems Operators - São Paulo State University, UNESP, São Paulo, Brazil
17:30 to 17:45	B-4.2-22	Study Of Power Transmission Systems In Offshore Units - University São Paulo, USP, São Paulo, SP, Brazil
17:45 to 18:00	B-4.2-3	Optimal Charging/Discharging Management Of Electric Vehicles To Boost Internal Consumption Of Local Energy Communities - Paulista State University, UNESP, Ilha Solteira, São Paulo, Brazil

CLAGTEE 2022

HOUR	ROOM A - AUDITORIUM	
	WEDNESDAY, NOVEMBER 30	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-4.2-5	Computing Power Systems Voltage Stability Margins Via A Second-Order Power Flow With Step Size Optimization And A Linear Index - University of Campinas, UNICAMP, SP, Brazil
09:15 to 09:30	B-4.2-14	Second Life Of Lithium Ion Batteries: Hardware Development And Experimental Analysis Of Cyclic Aging - CPQD (Telecommunications Research and Development Center), Campinas, São Paulo, Brazil
09:30 to 09:45	B-4.2-8	Integrated Analysis Of T&D Networks Using Single-Line/Three-Phase Modelling - Federal University of Parana, UFPR, Curitiba, PR, Brazil
09:45 to 10:00	B-4.2-10	Battery Management And Allocation Analysis Considering Cost And Depth Of Discharge - Federal University of Juiz de Fora, UFJF, Juiz de Fora, Minas Gerais, Brazil
10:00 to 10:15	B-4.2-7	Reliability Optimization Technique For Distribution Networks With Microgrids: A Bi-Level Multi-Criteria And Multi-Objective Approach- Sao Paulo State University, UNESP, Ilha Solteira, SP, Brazil
10:15 to 10:30	B-3.2-5	Comparative Analysis Between green solar and wind hydrogen production: Technical, Economic and Environmental Aspects- IPBEN-UNESP Associated Laboratory of Guaratinguetá, SP, Brazil
10:30 to 11:00		COFFEE BREAK
11:00 to 12:00		LECTURE 3: "Methods for Optimal Risk-Averse Demand Contracting Strategy in Distribution Companies: A Brazilian Case Study" by Prof. Dr. Alexandre Street de Aguiar Research director at LAMPS (Laboratory of Applied Mathematical Programming and Statistics) - PUC-Rio
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-3.2-4	Technical and Economical Analysis of green hydrogen production in the Steel Industry- IPBEN-UNESP Associated Laboratory of Guaratinguetá, SP, Brazil
14:15 to 14:30	B-2.3-7	The Brazilian Potential for Waste-to-Energy Towards the 2030 Agenda - IPBEN-UNESP Associated Laboratory of Guaratinguetá, SP, Brazil
14:30 to 14:45	B-2.1-18	A Comparative Analysis of Annual Wind Energy Production in Brazilian Equatorial Region Using Traditional Approach and LiDAR - Federal University of Maranhão, UFMA, São Luís, Maranhão, Brazil
14:45 to 15:00	B-2.1-42	The need for new technologies Energy Storage Systems on the growth scenario of Variable Renewable Energy - Escola Politécnica, POLI/USP, São Paulo, SP, Brazil
15:00 to 15:15	B-2.1-56	Open-architecture GA-based Optimization Tool for the Design of Hybrid Power Systems - National University of Mar del Plata, UNMdP, Mar del Plata, Buenos Aires, Argentina
15:15 to 15:30	B-2.1-23	PCH and Photovoltaic Distributed Generation Analysis using ATPDraw software - Federal University of Piaui, UFPI, Teresina, Piauí, Brazil
15:30 to 16:00		COFFEE BREAK
16:00 to 17:00		LECTURE 4: "Ten-Year Plan for Energy and Insertion of New Technologies" by Prof. Dr. Glaysson de Mello Muller, Energy Research Analyst at Empresa de Pesquisa Energética, EPE, Brazil.
17:00 to 17:15	B-2.1-53	Optimal Recloser Allocation Considering Quality of Service Indexes in Distribution Grids with Wind Power Systems - University of São Paulo, Polytechnic School, POLI, Brazil and Empresa Eléctrica Quito, Ecuador
17:15 to 17:30	B-5.4-2	Automatic Demand Disconnection (Add) Of Et Malvinas 500/132 Kv Using The Load Shed And Restoration Application Associated With Ge® Poweron Scada - Córdoba Provincial Energy Company
17:30 to 17:45	B-5.5-16	Regulation Of The Electric System Through Capacitor Banks And Reactor Banks - Universidade Federal do Espírito Santo, UFES, Vitória, Espirito Santo, Brazil
17:45 to 18:00	B-5.5-15	Criticality Methodology For Power Transformer Maintenance Prioritization Through Multicriteria Methods - Sao Paulo State University, Bauru, SP, Brazil
19h00		CONFRATERNIZATION DINNER AT CASA TRAS OS MONTES E ALTO DOURO

HOUR	ROOM B	
	WEDNESDAY, NOVEMBER 30	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-2.1-53	Optimal Recloser Allocation Considering Quality of Service Indexes in Distribution Grids with Wind Power Systems - University of São Paulo, Polytechnic School, POLI, Brazil and Empresa Eléctrica Quito, Ecuador
09:15 to 09:30	B-2.1-17	Analysis of the PETG material, for the manufacture of wind blades - UNESP Guaratinguetá, SP, Brazil
09:30 to 09:45	B-2.1-48	Design of a low cost mini wind turbine - Escuela Tecnológica Instituto Técnico Central, Colombia
09:45 to 10:00	B-2.2-3	Modelling of an Equivalent Virtual Power Plant in Stability Simulations - Federal University of ABC, UFABC, Santo André, São Paulo, Brazil
10:00 to 10:15	B-2.2-5	Systemic analysis of the technical-economic dimensions of natural gas between the Pre-Salt and Vaca Muerta - Escola Politécnica da Universidade de São Paulo, POLI - USP, Bauru - SP, Brazil
10:15 to 10:30	B-2.1-8	Proposal of Enhancements on Traditional Voltage and Reactive Power Control Practices in Distribution Systems with MV Distributed Generators - University of Campinas (UNICAMP), Campinas-SP, Brazil
10:30 to 11:00		COFFEE BREAK
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-2.1-11	Complementarity Of Wind And Solar Renewable Sources In The North Of Maranhão - Federal University of Maranhão - UFMA, São Luís, Maranhão, Brazil
14:15 to 14:30	B-2.1-21	The generation of photovoltaic energy: a comparative analysis of Energy Operation Plans (PEN) from 2017 and 2018 with related environmental questions - Federal University of Pernambuco, UFPE, Recife, Pernambuco, Brazil
14:30 to 14:45	B-5.3-2	Study Of Substation Grouping For Electric Energy Demand Forecast - Universidade Paulista Júlio de Mesquita Filho, FEIS/UNESP, Ilha Solteira, SP, Brazil
14:45 to 15:00	B-4.2-16	Method For Static Contingency Analysis In Electrical Power Systems Using Fast Decoupled Continuation Power Flow - São Paulo State University (Unesp), School of Sciences and Engineering, Tupã, Brazil
15:00 to 15:15	B-4.6-4	Transient Analysis Of Distinct Approaches For Modeling Transmission Lines Including Ground-Return Parameters - São Paulo State University (UNESP), Ilha Solteira, SP, Brazil
15:15 to 15:30	B-4.6-10	The Impact Of Transmission Line Considering Equivalent Resistivity Of Multi-Layer Soils On Lightning Overvoltages - State University of Campinas, UNICAMP, Campinas, São Paulo, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-5.7-28	Electric Vehicle Charging Infrastructure (Evci) Road Map Development With Energy Management - São Paulo State University, UNESP, Guaratinguetá, São Paulo, Brazil
17:15 to 17:30	B-5.7-16	Influence Of Distributed Energy Resources On Grid Voltage Quality Using Model Ieee 13 Busbars - São Paulo State University - "Júlio de Mesquita Filho", Brazil
17:30 to 17:45	B-5.7-27	Estimation Of Non-Technical Losses By Region Via Geographically Weighted Regression - São Paulo State University, UNESP, Rosana, São Paulo, Brazil
17:45 to 18:00	B-5.8-6	Bibliometric Study On Tariff Framework In Photovoltaic Systems - Paulista State University, UNESP, Bauru, São Paulo, Brazil
19h00		CONFRATERNIZATION DINNER AT CASA TRAS OS MONTES E ALTO DOURO

HOUR	ROOM C	
	WEDNESDAY, NOVEMBER 30	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-4.2-23	Photovoltaic Insertion Impacton The Distribution Transformer Losslife - São Paulo State University - "Júlio de Mesquita Filho", Brazil
09:15 to 09:30	B-4.3-1	Demonstration Of Availability And Reliability Indexes In Electric Power Substations With Emphasis On Impacts On Power Supply Of Subway Rail Systems - University of Sao Paulo, USP, Sao Paulo, SP, Brazil
09:30 to 09:45	B-4.2-15	Proposal For Less Sensitive Protection Of The Number Of Starts Per Hour Of Three-Phase Induction Motors Considering The Experience In A Mining Company - Federal University of Itajubá, UNIFEI, Itabira, Minas Gerais, Brazil
09:45 to 10:00	B-4.3-6	Challenges And Obstacles For The Replacement Of Power Transformers In Buildings Of Collective Use - Federal University of Santa Catarina, Florianópolis, SC, Brazil
10:00 to 10:15	B-4.4-2	Optimal Power Flow Model Multiperiod For Hydrothermal System - São Paulo State University, UNESP, Bauru, São Paulo, Brazil
10:15 to 10:30	B-4.6-14	Analysis Of The Impacts Of Systemic Variations In The Secondary Arc Current Using Python And Atp - Federal University of Juiz de Fora, UFJF, Juiz de Fora, MG, Brazil
10:30 to 11:00		COFFEE BREAK
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-4.1-8	Optimal Allocation Of Ev Charging Stations With Pv Units And Energy Storage Systems In Distribution Systems For A Low-Carbon Development Strategy - São Paulo State University (UNESP), Ilha Solteira, São Paulo, Brazil
14:15 to 14:30	B-8.2-10	Modeling And Simulation Of The Control Of A Double Fed Induction Generator - Federal University of Juiz de Fora, UFJF, Juiz de Fora, Minas Gerais, Brazil
14:30 to 14:45	B-8.2-6	Maker Culture Contributing To The School Community: Liquid Alcohol Dispenser - Universidade Estadual Paulista, UNESP, Ilha Solteira, São Paulo, Brazil
14:45 to 15:00	B-5.5-14	Power Transformers Health Index Assessment: An Asset Management Support Tool - Federal University of Itajubá - UNIFEI, Itajubá, MG, Brazil
15:00 to 15:15	B-5.7-7	Impacts Of Growth In The Use Of Solar Generation On Distributed Generation - Universidade de São Paulo, USP, São Paulo, Brazil
15:15 to 15:30	B-5.7-10	Characterization Of Uses And Efficiency In Final Processes Of Energy Conversion In The Brazilian Residential Sector - Federal University of Itajubá – UNIFEI, Itajubá, MG, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-5.7-24	Probabilistic Optimization For Grid Reconfiguration In The Presence Of High Pv Generation - Universidade Estadual Paulista, UNESP, Ilha Solteira, SP, Brazil
17:15 to 17:30	B-5.7-21	Analysis Of The Regulatory Methodology To Define The Electrical Power Supply Continuity Indexes In Distribution System In Brazil - Universidade Federal do Pará - UFPa, Belém, Pará, Brasil
17:30 to 17:45	B-5.4-3	Control Strategies using WECC Models of PV Systems for Enhanced Stability - Federal University of Rio Grande do Sul, UFRGS, Porto Alegre, Brazil
17:45 to 18:00	B-5.4-1	Analysis of Short-Circuit Considering Substation Busbar Schemes using PowerWorld®Simulator - Federal University of Rio Grande do Sul, UFRGS, Porto Alegre, RS, Brazil
19h00		CONFRATERNIZATION DINNER AT CASA TRAS OS MONTES E ALTO DOURO

HOUR	ROOM D	
	WEDNESDAY, NOVEMBER 30	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-2.1-41	Proposal for a decentralized unit for distributed generation of electricity and hydrogen operating with ethanol: aggregate system at a Fuel station - Universidade Federal do ABC, UFABC, Santo André, SP, Brasil
09:15 to 09:30	B-3.1-2	Decentralized Station for Distributed Generation of Electricity and Hydrogen Operating on Biogas: a case study review - Universidade Federal do ABC, Santo André, SP, Brazil
09:30 to 09:45	B-2.1-25	Technical Impact of the Insertion of Distributed Mini and Microgeneration in Typical Distribution Networks - Universidade Federal do Rio de Janeiro, Rio de Janeiro, RJ, Brazil
09:45 to 10:00	B-2.3-6	Analysis of Energy Generation Potential with Waste and Effluents in An Agroindustrial Unit - Sao Paulo State University, UNESP, IPBEN/FEIS, Ilha Solteira, Sao Paulo, Brazil
10:00 to 10:15	B-2.1-30	An Accurate Evaluation of Load Profile in Optimal Allocation of Distributed Generation in Power Systems - São Paulo State University (UNESP), IPBEN, School of Engineering, Ilha Solteira, SP, Brazil
10:15 to 10:30	B-6.2-15	Estimation of Rural Populations without Access to Electricity Through Satellite Images and Deep Learning - São Paulo State University – UNESP, Ilha Solteira, SP, Brazil
10:30 to 11:00		COFFEE BREAK
12:00 to 14:00		LUNCH BREAK
14:00 to 14:15	B-4.1-1	A Framework Development to the Application of a Bilevel Optimization in Demand Side Management - Córdoba Regional Faculty, FRC -UTN, Cordoba, Cordoba, Argentina
14:15 to 14:30	B-4.2-12	Development of a model of Battery Induction Charging for Drones - Instituto BRVANT de Pesquisa e Desenvolvimento – IBRV, Brazil
14:30 to 14:45	B-4.4-4	Analysis of Voltage Regulation Strategies in Systems with High Insertion of Photovoltaic Generation- Federal University of Santa Maria, UFSM, Santa Maria, RS, Brazil
14:45 to 15:00	B-4.2-1	Conceptual Design of an Inspection Robot for Distribution Power Lines that Moves on the Cables - Federal University of Santa Catarina, UFSC, Florianópolis, Santa Catarina, Brazil
15:00 to 15:15	B-4.2-2	Development of a System for Installing Robots on Electric Power Distribution Networks - Universidade Federal de Santa Catarina, Brazil
15:15 to 15:30	B-4.2-4	Development of an User Interface for Operation of an Overhead Power Distribution Network Inspection Robot - Federal University of Santa Catarina UFSC, Brazil
15:30 to 16:00		COFFEE BREAK
17:00 to 17:15	B-5.8-5	Formulation and Analysis of a Novel Scalable Supply Cost Function to Demand Management- Facultad Regional Córdoba - Universidad Tecnologica Nacional, FRC - UTN, Cordoba, Cordoba, Argentina
17:15 to 17:30	B-5.8-8	Transmission System Tariff calculation in Brazil via optimization considering the wind generation intermittence - Federal University of Juiz de Fora, UFJF, Juiz de Fora, MG, Brazil
17:30 to 17:45	B-5.4-2	Automatic Demand Disconnection (ADD) of ET Malvinas 500/132 kV using the Load Shed and Restoration application associated with GE® PowerOn SCADA - Córdoba Provincial Energy Company, Argentina
17:45 to 18:00	B-7.1-3	Comparative life cycle assessment of hydrogen production from steam reforming of sugarcane ethanol and biomethane from vinasse - Federal University of Itajuba, UNIFEI, Itajubá, Minas Gerais, Brazil

THURSDAY, DECEMBER 01

HOUR	ROOM A - AUDITORIUM	
	THURSDAY, DECEMBER 1	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-6.3-9	Identification Of Vegetation Close To The Distribution Network Using Lidar And Computer Vision - Cenergel
09:15 to 09:30	B-6.1-10	Machine Learning Python Supervision System For Quality Control- UNESP Univ Estadual Paulista, Guaratinguetá, São Paulo, Brazil
09:30 to 09:45	B-6.2-12	Preliminary Results Of Applying Generative Models On Nuclear Fusion Images - Pontificia Universidad Católica de Valparaíso, Valparaiso, Chile
09:45 to 10:00	B-6.3-10	Simulator Based On Ray Tracing With Utd For Mm-Waves Frequencies For Indoor Corridors - Pontifical Catholic University of Valparaiso, PUCV, Valparaíso, Valparaíso, Chile
10:00 to 10:15	B-6.3-8	Traveling Wave Fault Detection And Location : An Approach Based On The Hilbert-Huang Transform Method - SENAI CIMATEC University Center, CIMATEC, Salvador, Bahia, Brazil
10:15 to 10:30	B-2.2-1	The energy transition and the potential for Use of Micro and Mini-cogeneration in Urban Centers - Case Analysis - Federal University of ABC - UFABC, Santo Andre, São Paulo, Brazil
10:30 to 11:00		COFFEE BREAK
11:00 to 12:00		CLOSING CERIMONY

HOUR	ROOM B	
	THURSDAY, DECEMBER 1	
	ID	EVENT / ARTICLE PRESENTATION
09:00 to 09:15	B-2.1-16	A Fault Supervision Method for Islanded and Converters-Based Microgrids with Integration of Renewable Generation - National Technological University – Paraná Regional Faculty, UTN FRP, Paraná, Entre Ríos, Argentina
09:15 to 09:30	B-4.6-9	A Study on the Use of Brackets for the Overhead Ground Wire in Reinforced Concrete Transmission Lines of 132 kV in Patagonia - Comahue National University, Argentina
09:30 to 09:45	B-6.2-6	Development of a Thermal Image Processing Interface for Overhead Power Distribution Networks Inspection - Federal University of Santa Catarina, UFSC, Florianópolis, Santa Catarina, Brazil
09:45 to 10:00	B-4.3-5	Thermal Monitoring Of Zinc Oxide (Zno) Surge Arrester Using CFD Analysis - São Francisco Hydroelectric Company, Chesf, Recife, PE, Brazil
10:00 to 10:15	B-2.1-15	Evaluation of an Associated Project by Integrating a Photovoltaic PowerPlant with a Wind Complex in Southern Brazil - Federal Institute of Santa Catarina (IFSC), Brazil
10:15 to 10:30	B-2.1-39	A business model and technical economic evaluation of replacement of thermal plants using renewable energy microgrids in the Peruvian Amazonia - Polytechnic School, Universidade de São Paulo (USP), São Paulo, Brazil
10:30 to 11:00		COFFEE BREAK