

1<sup>st</sup> Day - August 19 - Wednesday

English presentation To be defined

Start	Final	Duration	Chagal room	Degas 50	Renoir 50	Monte 50	Miró 40	Room B 56	Room C 56	Room D 90	Room E 90	Room F 60
14:00	15:15	1'15"	Global energy efficiency for transformers	Solutions for energy protection, control and apportionment for Datacenter	Solutions and products for home	New technologies for monitoring chimney emissions-	Bus process with merging unit solution in accordance with IEC 61850-9-2LE	Performance and protection systems: Challenges and consequences	The future of human and robot cooperation	Plant asset management integrated with maintenance – Case Vale	Performance Contracts for Energy Efficiency production cost reduction and financing options	Advanced maintenance strategies
			Kai Pollari	Mariana Broggio and Fernando Nunes	Leonardo Correa e Gustavo Vazzoler	Matias Clavin and Eduardo Postay	Julio Oliveira	Adriano Mendes	Daniel Diniz	Eduardo Lima	Leonardo Rezende	Jack Dugan
15:30	16:45	1'15"	ServicePort – Quick, Efficient and Safe Advanced Services	Factory / field acceptance IEC 61850 system test: use of the ITT600 tool.	Centralized solution for bar protection: Concept, flexibility and applications	UniGear ZS1 Digital - Reliability and Safety to save money	Integrity at ABB	How to increase reliability in your transportation belts through condition monitoring.	Free@home - Smart Home and Building Space - KNX	Solar and energy efficiency applications	System 800xA Virtualization – Protection and Safety for your Investment	Circuit breaker monitoring system, isolators and transformers: Villa Hayes (Itaipu/ ANDE) application-
			Kevin Starr	Carlos Nardi	Felipe Fuzzato	Glauco Vasconcelos and Ederson Neves	Luis Radulov	Eduardo Botelho and Rodrigo Fuchs	Marcos Oliveira and Philippe Dolgoff	Giacomo Santos and Marcos Oliveira	Marcelo Araujo, José Fratantonio and Daniel Dias - Case Statoil	Leonardo Dacolie
17:00	18:15	1'15"	800xA APC: The ultimate solution to optimize your process	The increasing need for robotics solutions in the food industry	PML630 – Compact Energy Management System in IEC 61850 - Glencane Bioenergia – Success Case	SSVT – Auxiliary Service Voltage Transformer	The importance of information source on reliability studies - Garbage in, garbage out	Teleprotection and data transmission system in Ethernet MPLS networks	ABB maintenance contract models	How to adequate our equipment and machinery to the NR-12?	Energy Efficiency – Helping to produce more with less using frequency inverters ("Efficiency increased in conventional applications with special products")	ABB transforming solar power in to electrical energy for brazilian houses
			Eduardo Gallestey	Leonardo Kishi	Fernando Justino	Luiz Parente	Marcelo Ramos Martins	Rafael Moreira	Alexandre Dias and Sandro Moret	Fernando Rocha and Leandro Carvalho	Godofredo Winnischofer	Luis Camarotto

**2<sup>nd</sup> Day - August 20 -Thursday**

Start	Final	Duration	Chagal room	Matisse 100	Degas 50	Renoir 50	Monte 50	Miró 40	Room B 56	Room C 56	Room D 90	Room E 90	Room F 60
8:30	09:45	1'15"	America's safest sports arena – Case HiDry	Energy quality in starters with variable speed drives (multi-pulse systems and active rectifiers)	Mobile Communication Unit for remote areas	High voltage circuit breakers monitoring	Robotic laser welding: a new appeal for the automotive industry	How to charge your electric car as faster as possible	IT/OT Convergence – Turning data into intelligence	FIAT: Case on energy consumption reduction through innovation in measurement techniques (compressor)	Advanced coordination and protection of low voltage softstarters	Standard IEC 6150 2nd edition: Changes and new resources	800xA Mobile Operation and Wireless Solutions
			José Antônio Cano	Vanderlei Apolinario	Elane Estrela (VALE)	Renato Milanese	Marcus Daniel	Wilson Morais	Luiz Ribeiro	Elias Torres	Fernando Nunes and Filipe Dolgoff	Carlos Nardi	Juliana Favaro
9:45	10:45	1'	Wind power in Brazil: new solutions for new challenges	E-House – prefabricated walk-in modular outdoor enclosure	Energy efficiency for water segment (Sucess case: ETA Larajal)	Underground solutions for distribution transformers	Compact and hybrid solutions / GIS – Challenges and Solutions	Energy management and IEC 61850 protocol based on low voltage systems	ABB solutions for electric motors in specific areas	Firm Energy Generation, Distributed and Based, with Cane Energy Biomass	Drives solution for low voltage motors starters	Remote access to substation automation networks: Concept, safety and tools	What's New – 800xA v6
			Alfredo Parres	Fausto Almeida e Wilton Feitosa	Alisson Chien e Gustavo Carius	Sergio Schlickmam	Alexandre Arcon	Marcelo Soares, Rafael Dellilo and Filipe Dolgoff	Leonardo Camargo e Fabrício Kennedy	Ivo Lourenço Dias Fouto - CEO - AGN Bioenergia	Fernando Rocha	Julio Oliveira	Raphael Haddad
14:30	15:15	1'15"	Microgrids enable access to electricity, increase power resiliency and lower environmental impact		Symphony Plus - Full automation for plants (power generation, sanitation, solar)	Advanced solution for material handling system management and storage grounds	Combustion Control Solutions: optimization, energy efficiency and product quality	Thomas & Betts Industrial Solutions	Client and core connection efficiency through Wi-Fi mesh networks	System 800xA Cyber Security – Safe TI/TA Integration	Wind park connections to the basic network – Challenges and Solutions	Power sector planning	Integrated solutions for machinery and manufacturing processes
			Maxine Ghavi		Mario Nogueira and Antonio Pires	Eduardo Botelho	Eduardo Postay, Elias Torres and Cristiano F.Balverdú	Vagner Farkas	Gabriel Paes	Marcelo Araujo and Daniel Dias	Rodrigo Mazzo	José Said de Brito and Erik Eduardo Rego	Jorge Fernando
15:30	16:45	1'15"	Renewable Energy - Solar Plant	Process and Safety – Is my plant safe?	Active filters application in industries	Benefits of preventive maintenance (success cases)	Synchronized phase meter applications: Concepts and examples.	Replacing electromechanical protection relays for multifunctional ABB relays	MNS-iS Low Voltage Switchgear - Integrated solution for Motor Control Center MCC	Substation Asset Health – Prioritizing investments in substation automation according to standard IEC 62439-3	High availability communication networks for substation automation and Electrics under one control environment	800xA The Power of Integration – Process Automation and Electrics under one control	OIC – Operational Intelligence Center – Creating a collaborative operation environment
			Sergio Asenjo and André Foster	Raphael Haddad	Victor Silva	Moyses Barros and João Vieira	Luis Fabiano	Antonio Carlos Küll	Marcia Predebon and Vagner Paschoalini	Rogério Piva	Julio Oliveira	Alcio Somensari	Felipe Silva
17:00	18:15	1'15"	Mine 2.0	Energy Management System – Efficient Solution for Energy Control and Optimization	ABB Life Expectancy Analysis Program or ABB LEAP is a unique diagnosis tool for assessing the condition of the stator winding insulation in electric machines	Special design requirements for renewable application - Wind and Solar distribution transformers	Bushing - best practices and diagnosis	Regenerative systems to energy storage	Automation in the wind turbine	Effective asset management- A PAS 55 approach	Substation reliability – AIS/MTS/GI technology Availability Comparison	Substations automation of based on IEC 61850 standards – Challenges, changes, and the next steps at Vale Itabira (State of Minas Gerais).	Intelligent Low voltage switchboard - MNS - Online Monitoring; diagnostics using LEAP and Retrofit in LV systems
			Eduardo Gallestey	Fernando Tani	Cajetan Thomas Pinto and Marcio Gennari	Sergio Schlickmam	Yoshio Nomi	Ricardo Marchezini	Jorge Fernando	Jack Dugan	Alexandre Arcon	Paulo Henrique Vieira Soares, Luiz Vilar and Vicentino Rodrigues	Peterson Moraes