

Paper ID	AUTHOR		Title	Time slot	Screen number	ROOM
10100	STARCK	Janne	Functional Testing of virtualized and centralized Protection Systems	14H00 -15h55	1	1
10103	SJOGREN	Sebastian	Field testing, Experiences and Results with Line Differential and Teleprotection Applications in TDM/MPLS-TP Hybrid Networks	14H00 -15h55	2	1
10104	HOLMGREN	Mikko	Coordinating Zone Settings of Distance Protection with Reactive Power Capabilities and Voltage Support of Inverter-based Resources	14H00 -15h55	3	1
10105	HYTTI	Valtteri	Performance of Distance Relays in the Finnish Power System under High Penetration of Converter-Connected Generation	14H00 -15h55	4	1
10106	KULMALA	Anna	Demonstration of enhanced and virtualised Protection of the Distribution Network	14H00 -15h55	5	1
10107	HOLMGREN	Mikko	Experiences, Secondary Injection testing and Grid Studies on Distance Protection and Current and Voltage Harmonics during Power System Faults	14H00 -15h55	6	1
10204	FAN	Chen	Integration and Application of merging unit and intelligent terminal in smart substation based on IEC 61850	14H00 -15h55	7	1
10261	LEITLOFF	Volker	Process Interface Unit requirements related to industrial deployment	14H00 -15h55	8	1
10262	BOUVIGNIES	Valentin	IEC 61850 digital substations technologies applied to power plants	14H00 -15h55	9	1
10263	MERLEY	Maud	Testing approach for RTE's R#SPACE Protection Automation and Control System	14H00 -15h55	10	1
10265	LEITLOFF	Volker	Review by WG B5.69 of published Experience Feedback on Process Bus Implementation	14H00 -15h55	11	1
10304	CHAROT	Gérard	Digital substation with process bus: grid operator and PACS manufacturer feedback 2 years after the commissioning	14H00 -15h55	12	1
10349	APOSTOLOV	Alexander	Object Modeling of Process-near Interface Intelligent Electronic Devices in Digital Substations	14H00 -15h55	13	1
10367	CASALE	Emiliano	Interoperability of protection devices among a multi-vendor IEC 61850 process bus system	14H00 -15h55	14	1
10368	TESTARELLA	Alessio	SAS2021 Project: benefits of standardization on acceptance, commissioning, and field testing during the whole PACS lifecycle	14H00 -15h55	15	1
10420	FALK	Herb	Unified Grid Control Platform Requirements of Process Bus	14H00 -15h55	16	1
10419	MANI	Dhanabal	LPITs in High Voltage Switchgear and Field-testing of Relay Protection with LPIT Inputs	14H00 -15h55	17	1
10421	SKENDZIC	Veselin	Quiet Revolution: How Low-Power Instrument Transformers and Digital Secondary Systems are	14H00 -15h55	18	1
10887	MENKE	Peter	Certification and On-site Calibration of Metering System Based on LPIT	14H00 -15h55	19	1
10427	MELIPOULOS	Sakis	Protection and Control of Active Distribution Systems	14H00 -15h55	20	1
10503	ALEIXO	AnaCristina	Assessment of Time-Critical IEC 61850 Process Bus Communications in a Virtualized Protection and Control System	14H00 -15h55	21	1
10504	PERES	João	DSAS Rollout Experience - Picking the Ripe Fruits	14H00 -15h55	22	1
10514	HEERZE	Marieke	Distance Protection Performance Evaluation with Process Bus by using Modular Merging Units	14H00 -15h55	23	1
10532	WANG	Jianping	Impact on Busbar Protection by mixed analogue Input Chains in digital Substations	14H00 -15h55	24	1
10628	MACDONALD	David	System Architectures for Virtualisation and Hardware Consolidation	14H00 -15h55	25	1
10632	ALBERO CASTILLÓN	Carlos	Implementation of an IEC 61850 MMS interface for Centralized Protection and Control (CPC) virtualized platforms	14H00 -15h55	26	1
10708	BINON	Dieter	Practical implementation of full Digital PACS in a Multi-vendor Environment	14H00 -15h55	27	1
10745	STOECKLI	Marcel	Experiences with process bus technology for substation retrofit	14H00 -15h55	28	1
10746	STOECKLI	Marcel	Practical experiences with process bus based transformer protection system	14H00 -15h55	29	1
10801	BEZDENZHNYKH	Mikhail	SV-stream Processing in the Event of Synchronization Loss by Publishers	14H00 -15h55	30	1
10807	KULIKOV	Aleksandr	Pilot Operation of Transmission Lines Differential Protection with Information Exchange According to IEC-61850-9-2 (SV)	14H00 -15h55	31	1
10809	LEBEDEV	Andrey	Development and Pilot Operation of the Intelligent PAC System Using the Concept of Virtual IEDs and Migration of Functions	14H00 -15h55	32	1
10813	ULYANOV	Dmitry	Developments and Practical Experiences of Merging Unit	14H00 -15h55	33	1
10844	LELLYS	Denys	Experience and Challenges in the Practical Implementation of Four Digital Substations in Brazil	14H00 -15h55	34	1
10846	HOKAMA	Wagner	Digital Substation: Lessons Learned by CPFL in Process Bus Application	14H00 -15h55	35	1
10969	POLLESTAD	Karl	LPIT operational experiences and challenges in a Norwegian digital substation	14H00 -15h55	36	1
11003	MERELES	Gustavo	Advantages and Challenges in Implementing the IEC 61869-9 Standard versus IEC 61850-9-2-LE in the Digitization of the Right Bank Substation	14H00 -15h55	37	1
11094	ABDULHADI	Ibrahim	Experience from integration, functional and performance testing of virtualised wide area protection	14H00 -15h55	38	1
11112	STACHEL	Philipp	Using process bus over substation boundaries with multi-vendor line differential protection	14H00 -15h55	39	1
11142	LIEBACH	Thomas	Experiences from a substation pilot project implementing process bus based partly centralized protection and control	14H00 -15h55	40	1
11231	DOI	Hiroki	Merging Unit Performance Evaluation and Issues for Multi-Vendor Configuration in Process Bus	14H00 -15h55	41	1
11387	ALMOMANI	Hussien	Case Study: IEC 61850 Process Bus-Based Protection System Applications For One and Half Breaker Bus System in NEPCO 400 Kv stations	14H00 -15h55	42	1
11439	REIS	Matthias	Transition from device management to application management for Protection & Control through virtualization and centralization	14H00 -15h55	43	1
11445	FLEMMING	Stefan	How a well-designed, optimized time synchronization concept can increase the reliability and availability of a digital switchgear's protection system	14H00 -15h55	44	1
11457	HERNANDEZ	César	Interoperability Challenges in Multi-Vendor Digital Substations: PTP Time Synchronization and Profile Compatibility	14H00 -15h55	45	1
11650	SEN	SubirSen	Utility Experience of FEED for IEC 61850 Process Bus based Protection and Automation system for 765/400/220KV Greenfield Substation	14H00 -15h55	46	1
11656	SEN	DrSubir	Impact of IEC 61869-9 Based Sampled Values on Network Optimization and Protection System Performance in a Process Bus Based Digital Substation	14H00 -15h55	47	1
11666	KUMAR	Jeetesh	Commissioning & Operational Experiences of Brownfield & Greenfield Process Bus Substations in POWERGRID	14H00 -15h55	48	1
11669	GANDOTRA	Vikram	A comprehensive approach towards implementing the Process Bus based substation Automation system in Substations and its benefits.	14H00 -15h55	49	1
11778	SHIEH	Raymond	Reliable Time Synchronization for IEC 61850 Substations by Distributed Time Sources and Visibility	14H00 -15h55	50	1

10422	APOSTOLOV	Alexander	Improving the Efficiency of Acceptance, Commissioning, and Maintenance Testing of IEC 61850 Based Digital Substations	16H05 -18h00	1	1
10423	GRAY	Keith	Experience in the UCA International Users Group Interoperability Tests	16H05 -18h00	2	1
10424	HU	Yi	Use of Detailed real-time system Models to Evaluate Relay Performance Impacted by High Penetration of Inverter-based Resources	16H05 -18h00	3	1
10425	KEZUNOVIC	Mladen	Life-cycle Testing of Synchrophasor Systems	16H05 -18h00	4	1
10428	WALKER	Steven	Evolution of Testing Practices: A Utility's Experience	16H05 -18h00	5	1
10429	KHALEDIAN	Palberz	GOOSE	16H05 -18h00	6	1
10505	GOUVEIA	Clara	Testing of Centralized Protection, Control and Advanced Automation for MV networks with DER	16H05 -18h00	7	1
10629	OJANGUREN	Iñaki	Implementation of the line differential protection in the 30 kV distribution network of I-DE	16H05 -18h00	8	1
10630	PRADA HURTADO	o	Development and Implementation of a WAMPAC Algorithm for Detecting Real-Time Voltage Instability Phenomena in Electric Power Systems	16H05 -18h00	9	1
10631	LLAMAS SANJUAN	Victor	Challenges and perspectives for a new era of protection, automation and control systems through IEC 61850	16H05 -18h00	10	1
10713	STERCKX	Thomas	IEC61850 Engineering of a Digital Substation: Common User Vision on Top-down Engineering	16H05 -18h00	11	1
10747	STOECKLI	Marcel	PMU-based fault distance calculation in long radial feeders using an enhanced reactance-based approach	16H05 -18h00	12	1
10797	ALEKSANDROV	Nikolay	The Experience of Commissioning and Initial Maintenance of Relay Protection on Operational Digital Substations with the IEC 61850 Process Bus	16H05 -18h00	13	1
10798	ANOSHIN	Alexey	A New Technological Approach for Commissioning and Operation of Relay Protection and Automation systems	16H05 -18h00	14	1
10803	GERASIMOV	Andrei	Experience of the Field Testing of Power Units Control Systems	16H05 -18h00	15	1
10806	KUCHERIAVENKOV	Andrey	Experimental Verification of Fault Location Technology in Power Distribution Networks with Complex Topology	16H05 -18h00	16	1
10815	ZHUKOV	Andrey	Development and Commissioning of PACS for Operating Modes of the Power System Based on PMU Data	16H05 -18h00	17	1
10816	ZHUKOV	Andrey	Methods for Configuring, Testing and Inspecting Automatic Excitation Regulators for Synchronous Generators during Commissioning	16H05 -18h00	18	1
10847	PIRES	Adriano	Automating commissioning tests, accepting remote maintenance, and guaranteeing inventory integrity using a Device Management System	16H05 -18h00	19	1
10848	LOPES	Felipe	Commissioning Perspectives for the New Era of Transmission Line Protection Schemes: Historical Evolution and Future Expectations	16H05 -18h00	20	1
10849	LISBOA	Guilhermme	Time Synchronization Interoperability and Testing Challenges for Process Bus	16H05 -18h00	21	1
10850	JUNIOR	JoséEduardo	Practical approaches for improving reliability and availability of digital multivendor substations	16H05 -18h00	22	1
10851	HUMERES FLORES	Pablo	A Practical Approach to The Requirements and Strategies for Monitoring the IEC 61850 Process Bus in a Multivendor Test Platform	16H05 -18h00	23	1
10852	PEREIRA JUNIOR	PauloSergio	How to Test Virtual Protection, Automation and Control Systems (vPACS)	16H05 -18h00	24	1
10853	FERNANDES	RafaeldeOliveira	FAT and SAT Procedures from the Perspective of the Brazilian TSO	16H05 -18h00	25	1
10869	WU	Yiming	Lab Environment for fully digital Substation Solution Validation - technical Solution and testing Solution	16H05 -18h00	26	1
10870	WU	Yiming	A consistency validation Tool for IEC 61850 Substation System Integration Configuration	16H05 -18h00	27	1
11019	LAMMERING	Jasper	Joint-Development and Demonstration of an Adaptive Protection System at a German DSO – Practical Experiences and Lessons Learned	16H05 -18h00	28	1
11109	STANBURY	Michael	Acceptance and Commissioning of a Wide-Area Broken Conductor Detection System for Distribution Networks	16H05 -18h00	29	1
11137	BLUMSCHEIN	Jörg	Testing of Travelling Wave Fault Locators	16H05 -18h00	30	1
11162	BRANDAUER	Christof	Collaborative Engineering and Testing of Smart Grid Automation Applications	16H05 -18h00	31	1
11197	LLOYD	Graeme	A modern retrofit solution for induction disc overcurrent relays	16H05 -18h00	32	1
11217	ANAYA	Jhonatan	Efficiency Improvement in Testing: Maximizing Resources and Reducing Time with Digital Twins	16H05 -18h00	33	1
11322	SMITH	Chris	Performance of Distance and Directional Overcurrent protections in a HVDC connected Offshore Windfarm	16H05 -18h00	34	1
11403	HARISPURU	Cedric	User-centric tools for engineering, commissioning and operation of protection and automation devices	16H05 -18h00	35	1
11418	CANAS	Federico	Protection instrument transformers characterization and modelling for travelling wave applications	16H05 -18h00	36	1
11423	DEHOUCK	Aurélie	Introduction to IEC 61850-6-3 OCL: Machine-processable rules for validation of IEC 61850 XML-based files	16H05 -18h00	37	1
11451	PEREZ	Ernesto	Performance of the Overcurrent Function in the Event of Loss of Information in the Process Bus Using a Merging Unit Developed in ATP-EMTP	16H05 -18h00	38	1
11456	DUQUE	Alejandro	EMT Based Protection Coordination Study Considering M-SSSC FACTS Technology in the Atlántico Region of the Colombian Transmission System	16H05 -18h00	39	1
11493	ISHII	Tomoya	Performance Test of Grid Protection Relay for Black Start	16H05 -18h00	40	1
11496	KURUSHIMA	Tomohiro	Development and testing of response-based wide area SPS without telecommunication	16H05 -18h00	41	1
11497	KAWAZOE	Ryuichi	IEC 61850 Compliant N-1 Inter Trip Scheme Suitable for Japanese Connect and Manage	16H05 -18h00	42	1
11599	COKIC	Adnan	Protection verification for HVDC connected wind farms	16H05 -18h00	43	1
11676	S	an	Plug & Play of Protection ,Automation & Communication system with Portable SCADA for EHV Substations	16H05 -18h00	44	1
11745	ISHIMISIOS	Aristotelis	A wide Area protection coordination assessment for the Albanian transmission system	16H05 -18h00	45	1
11756	HINCAPIE	Sebastian	Real-Time Simulations to Validate the Impact of m-sssc Devices on Protection Coordination in Power Systems	16H05 -18h00	46	1
11807	ABDULKHADER	Anas	Digital Transformation of the Power Grid and Smart Testing Solution for Commissioning and Maintenance	16H05 -18h00	47	1
11821	TANAYUWANNA	Wanlert	Experience in Protection System Commissioning for Digital Substation Pilot Project in Thailand	16H05 -18h00	48	1
11901	KANJARIYA	Nikunj	Current Practices of Acceptance, Commissioning and Field Testing for Protection, Automation & Control System in a Transmission Utility, its Efficacy and Benefits	16H05 -18h00	49	1