


I&CPS 2025 Montreal, QC Canada Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

TUE, MAY 13, 2025	Breakfast Brasserie Milton 6:30-7:30 AM		Break AM 10:00 - 10:30 AM - Ravel Foyer		Lunch Break/Free Time 12:00 - 1:00 pm-Break		Registration (All Da Registration (All Day)-Bach Room	
General Session 7:30 am - 8:00 am - Opus 1								
PSEC #1 8:00 am - 10:00 am Session Chair: Kent Saylor	PSEC #1 10:30 am - 12:00 pm Session Chair: Kent Saylor	ESC #1 8:00 am - 10:00 am Session Chair: Marcos Donolo	ESC #1 10:30 am - 12:00 pm Session Chair: Marcos Donolo	PSPC #1 8:00 am - 10:00 am Session Chair: Danny Kliebert	PSPC #1 10:30 am - 12:00 pm Session Chair: Danny Kliebert	IND #1 8:00 am - 10:00 am Session Chair: Rob Hoerauf	IND #1 10:30 am - 12:00 pm Session Chair: Rob Hoerauf	
Room: Opus 1 - Mtg 4	Room: Opus 1 - Mtg 4	Room: Mozart - Mtg 2	Room: Mozart - Mtg 2	Room: Brahms - Mtg 3	Room: Brahms - Mtg 3	Room: Ravel - Mtg 1	Room: Ravel - Mtg 1	
2025-ICPSD25-0032 Mardenan, C.	2025-ICPSD25-0064 Zhang, Z.	2024-ICPSD25-0014 Trinh, T.	2025-ICPSD25-0047 Alsafasfeh, O.	2025-ICPSD25-0018 Rodriguez, J.	2025-ICPSD25-0048 Zhao, Z.	2025-ICPSIT-0004 Hinginson, J.	2025-ICPSIT-0005 Waters, K.	
Understanding Transient Overvoltage and its High	Localization for Arc Faults with Various Structure	A Comparative Study of Hybrid Frequency Control	Technical Considerations for Startup of Off-Grid	Fault Detection Using Time-Domain Incremental	Quantifying Reliability Improvements in	Introduction to Industrial and Commercial Power	Fault Managed Power Systems: A New Way to	
2025-ICPSD25-0043 Parise, G.	2025-ICPSD25-0024 Sadig, M.	2025-ICPSD25-0035 Su, C.	2024-ICPSD25-0018 Wang, J.	2025-ICPSD25-0029 Ramani, G.	2025-ICPSD25-0030 Ramos, G.	2025-ICPSIT-0014 Fox, G.	2025-ICPSIT-0001 Saleh, S.	
Long LV Circuits in Road Tunnels...	Next-Generation Sustainable Shipping: A	Adaptive Neural Fault-Tolerant Finite Time	Stability Analysis of Two Renewable Systems Fed to	Challenges with Modern Data Centers, Design	LSTM-Based Approach for Operational, Fault and	Evaluating the Short Circuit Current Duty of Low Voltage	Power System Survivability: A promising Tool for	
2025-ICPSD25-0025 Kong, J.	2025-ICPSD25-0044 Enrique, F.	2024-ICPSD25-0012 Zakaria, A.	2025-ICPSD25-0005 Gharouni, S.	2024-ICPSD25-0004 Lee, A.	2025-ICPSD25-0065 Liang, X.	2025-ICPSIT-0002 Neeser, D.	2025-ICPSIT-0015 Mardenan, C.	
Marine Environment Adaptability Testing	Submarine Cable Jackets Affected by Lightning Strikes	Design of Renewable Energy Systems for El-Fasher City in	Adaptive Damping Control to Improve Transient	Structure and Design of Solid-State Grounding	Asynchronous Operation of a Synchronous Generator	Overcurrent Protection Considerations with NEMA	Evaluation and Sizing a Generator Circuit Breaker	
2025-ICPSD25-0063 Zhang, Z.		2024-ICPSD25-0015 Gia, H.		2024-ICPSD25-0005 Lee, A.		2025-ICPSIT-0003 Thames, K.		
Locating of Single Phase to Ground Fault in Multi-		Online Fault Detection and Diagnosis Methodology for		Performance Evaluation of Solid-State Grounding...		ABCs of MV VFDs...		
WED, MAY 14, 2025	Brasserie Milton 7:00 - 8:00 AM - Breakfast		Break AM 10:00 - 10:30 AM - Ravel Foyer		Lunch Break/Free Time 12:00 - 1:00 pm-Break		Registration (All Da Registration (All Day)-Bach Room	
PSEC #2 8:00 am - 10:00 am Session Chair: Xiaodong Liang	PSEC #2 10:30 am - 12:00 pm Session Chair: Xiaodong Liang	ESC #2 8:00 am - 10:00 am Session Chair: Su, Chun-Lien	ESC #2 10:30 am - 12:00 pm Session Chair: Su, Chun-Lien	PSPC #2 8:00 am - 10:00 am Session Chair: Saleh Saleh	PSPC #2 10:30 am - 12:00 pm Session Chair: Saleh Saleh	IND #2 8:00 am - 10:00 am Session Chair: Kent Saylor	IND #2 10:30 am - 12:00 pm Session Chair: Kent Saylor	
Room: Opus 1 - Mtg 4	Room: Opus 1 - Mtg 4	Room: Mozart - Mtg 2	Room: Mozart - Mtg 2	Room: Brahms - Mtg 3	Room: Brahms - Mtg 3	Room: Ravel - Mtg 1	Room: Ravel - Mtg 1	
2025-ICPSD25-0001 Zulficar, A.	2025-ICPSD25-0012 Martirano, I.	2025-ICPSD25-0027 Vasile, A.	2025-ICPSD25-0053 Wei, X.	2024-ICPSD25-0001 Lee, A.	2025-ICPSD25-0045 Mardenan, C.	2025-ICPSIT-0016 Mohla, D.	2025-ICPSIT-0012 Panetta, S.	
Distributed Resilient Control for Inverter Based	A Case Study of a Microgrid for a Nearly Zero-Energy	From The Laboratory To The Market: Considerations On	Discriminative Pricing for Adjustable Capabilities of	Multi-Level Converters in Permanent Magnet	Estimating arcing ground fault current factor for LV	NFPA 70E Tutorial...	Liquid cooled loadbanks for Data Centers...	
2025-ICPSD25-0049 Fathizadan, M.	2025-ICPSD25-0028 Liang, X.	2025-ICPSD25-0038 Sun, K.	2025-ICPSD25-0056 Liasi, S.	2025-ICPSD25-0015 Donolo, M.	2025-ICPSD25-0042 Huang, Y.	2025-ICPSIT-0016 Mohla, D.	2025-ICPSIT-0006 Bahaei, M.	
Building Energy Management System	Voltage Residual-Based Detection and Localization	Dynamic Interactive Framework of Power	Technical and Economic Analysis of Megawatt Scale	High-Frequency Voltage Analysis for Turn to Turn	Experimental Study on the Effectiveness of SPD	NFPA 70E Tutorial...	The Evolution of Modular Data Centers: Current	
2025-ICPSD25-0051 Hadidi, R.	2025-ICPSD25-0006 Liang, X.	2025-ICPSD25-0054 Heidari, K.	2024-ICPSD25-0013 Wiboonrat, M.	2025-ICPSD25-0041 Lei, X.	2024-ICPSD25-0006 Saleh, S.	2025-ICPSIT-0016 Mohla, D.	2025-ICPSIT-0007 Ihlenfeldt, D.	
Robust Online Inertia Estimation in Power	Protection of Inverter-Based Isolated Microgrids: A	Evaluating Lightning-Caused Wildfire Risk to Alaska's	Reduce the Operating Costs and Carbon Emissions of	Transient Response of the Buried Cable and Lightning	Voltage Survivability in DC Micro-Grid Systems...	NFPA 70E Tutorial...	Large Battery Energy Storage Systems and UL924	
2025-ICPSD25-0011 Martirano, I.		2025-ICPSD25-0052 Wei, X.		2025-ICPSD25-0046 Gokaraju, R.		2025-ICPSIT-0016 Mohla, D.		
Power Sharing Model with Variable Inductors		Two-stage Bidding Strategy for Uninterruptible Power		Optimized CNN for Fault Recognition in Power		NFPA 70E Tutorial...		
THU, MAY 15, 2025	Brasserie Milton 7:00 - 8:00 AM - Breakfast		Break AM 10:00 - 10:30 AM - Ravel Foyer		Awards Luncheon 12:00 pm - 1:30 pm - Opus 1		Registration (All Da Registration (All Day)-Bach Room	
PSEC #3 8:00 am - 10:00 am Session Chair: Sergio Panetta	PSEC #3 10:30 am - 12:00 pm Session Chair: Sergio Panetta	ESC #3 8:00 am - 10:00 am Session Chair: Marcos Donolo	ESC #3 10:30 am - 12:00 pm Session Chair: Marcos Donolo	PSEC #4 8:00 am - 10:00 am Session Chair: Daniel Ihlenfeldt	PSEC #4 10:30 am - 12:00 pm Session Chair: Daniel Ihlenfeldt	IND #3 8:00 am - 10:00 am Session Chair: Rob Hoerauf	IND #3 10:30 am - 12:00 pm Session Chair: Rob Hoerauf	
Room: Opus 1 - Mtg 4	Room: Opus 1 - Mtg 4	Room: Mozart - Mtg 2	Room: Mozart - Mtg 2	Room: Brahms - Mtg 3	Room: Brahms - Mtg 3	Room: Ravel - Mtg 1	Room: Ravel - Mtg 1	
2024-ICPSD25-0008 Trinh, T.	2025-ICPSD25-0058 Phan, O.	2024-ICPSD25-0002 Saleh, S.	2024-ICPSD25-0019 Wang, J.	2025-ICPSD25-0037 Sun, K.	2025-ICPSD25-0022 Menichelli, R.	2025-ICPSIT-0013 Anthony, M.	OPEN	
A Complete Review of Frequency Regulation in	TSMixer: An Innovative Model for Advanced Bias	Power-Based Categorization of Micro-Grid Systems...	Voltage Stability Improvement of Multi-	Super-Resolution Reconstruction Method for	BIM and Digital Twin in Smart Electrical Power	Education & Healthcare Facilities Committee: The	OPEN...	
2025-ICPSD25-0050 Wang, P.	2025-ICPSD25-0039 Zhen, Z.	2024-ICPSD25-0003 Saleh, S.	2025-ICPSD25-0010 Chen, K.	2025-ICPSD25-0061 Bonfiglioli, A.	2024-ICPSD25-0010 Lin, C.	2025-ICPSIT-0008 Arno, R.	OPEN	
A Full Parameter Identification Approach for	Research on Ultra-Short Term PV Power Forecasting	Application and Advantages of the Power-Based	Transformer Health-Aware Bridge Crane Scheduling in	A Machine Learning Algorithm To Minimize	Graph-Reinforcement Learning for Service	History of the IEEE Gold Book, Power Systems	OPEN...	
2025-ICPSD25-0033 Wang, F.	2025-ICPSD25-0020 Zhen, Z.	2025-ICPSD25-0007 Zhao, J.	2025-ICPSD25-0003 Liang, X.	2025-ICPSD25-0013 Martirano, I.	2025-ICPSD25-0008 Safavizadeh, A.	OPEN	OPEN	
Ultra-Short-Term Regional Distributed PV Power	A Short-Term PV Power Forecasting Method Based	Comparative Analysis of DC Arc Faults versus	A Pilot Protection Scheme for Inverter-Based Isolated	A Monitoring Platform Tool for Energy Communities	Admittance-Based Aggregated Modeling of	OPEN...	OPEN...	
2024-ICPSD25-0016 Phan, O.		2024-ICPSD25-0017 Wang, J.		2025-ICPSD25-0017 Menichelli, R.		OPEN		
Real-Time Estimation of Total Solar Power Output in		Suppression of Unstable Torsional Modes in a Hybrid		Innovative IFC classification in BIM models ready to be		OPEN...		
Note: Some paper titles may have been abbreviated, compacted or edited due to space restrictions. Please refer to the official 2025 I&CPS Montreal Program /Site for the complete list of paper titles and authors. Meals shown with Red highlight are for specific committee members only or require pre-registration. Meals shown with Green highlight are open to all conference delegates.								 I & CPS Industrial & Commercial Power Systems

I&CPS 2025 Montreal, QC Canada				
Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule				
MON, MAY 12, 2025	Break AM 10:00 - 10:30 AM - Ravel Foyer	Lunch 12:00 - 1:00 pm - Aroma Restaurant		Break PM 3:00 - 3:30 PM - Ravel Foyer
	Opus 1 - Ballroom 1	Ravel - Mtg 1		
8:00 am - 12:00 pm	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers...	TUT 1 AC Generator Protection in Industrial and Commercial Power	OPEN OPEN...	OPEN OPEN...
1:00 pm - 5:00 pm	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers...	TUT 2 An Overview of Shore-to-Ship Power 1:00-5:00...	OPEN OPEN...	OPEN OPEN...
6:00 pm - 8:00 pm	RECEPTION Sponsored by Data Center & POSTER SESSIONS - Concerto Room			
TUE, MAY 13, 2025	Lunch Break/Free Time 12:00 - 1:00 pm-Break			Break PM 3:00 - 3:30 PM - Ravel Foyer
	Mozart - Mtg 2	Ravel - Mtg 1	Brahms - Mtg 3	Opus 1 - Mtg 4
1:00 pm - 1:30 pm	SDC Daleep Mohla Standards Development Committee Meeting...	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...
1:30 pm - 2:00 pm	SDC Daleep Mohla Standards Development Committee Meeting...	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...
2:00 pm - 2:30 pm	PSD/G/A SC Sergio Panetta Power System Design/Grounding/Analysis...	DERSC Zhengyuan Zhang Distributed Energy Resources Subcommittee ...	LVPSC Marcelo Valdes Low Voltage Protection Subcommittee...	EHFSC Mike Anthony Educational and Healthcare Facilities Subcommittee...
2:30 pm - 3:00 pm	PSRSC Bob Arno Power System Reliability Subcommittee...	MGVPPSC Zhaohao Ding Microgrids and Virtual Power Plant Subcommittee ...	MVPSC Rob Hoerauf Medium Voltage Protection Subcommittee...	EHFSC Mike Anthony Educational and Healthcare Facilities Subcommittee...
3:30 pm - 4:00 pm	ESRSC Tim Coyle Emergency and Standby Power Subcommittee...	CCESSC Chun-Lien Su Climate change and energy security subcommittee...	SPSC Dev Paul Surge Protection Subcommittee...	PHSC Giuseppe Parise Ports & Harbors Subcommittee...
4:00 pm - 4:30 pm	ESRSC Tim Coyle Emergency and Standby Power Subcommittee...	DCSC Keith Waters DataCenter Subcommittee...	SDC 3004.6 Marcelo Valdes AdHoc Study Group...	PHSC Giuseppe Parise Ports & Harbors Subcommittee...
4:30 pm - 5:00 pm	PSMOSSC Giuseppe Parise Power System Maintenance, Operations, and Safety	DCSC Keith Waters DataCenter Subcommittee...	SDC 3004.6 Marcelo Valdes AdHoc Study Group...	FSC Giuseppe Parise Forensics Subcommittee...
WED, MAY 14, 2025	Lunch Break/Free Time 12:00 - 1:00 pm-Break			Break PM 3:00 - 3:30 PM - Ravel Foyer
	Mozart - Mtg 2	Ravel - Mtg 1	Brahms - Mtg 3	Opus 1 - Mtg 4
1:00 pm - 1:30 pm	PSEC Xiaodong Liang Power Systems Engineering Committee...	PSPC Keith Waters Power System Protection Committee...	ESC Allen Wu Energy Systems Committee...	WIE Noreen Anwar Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)...
1:30 pm - 2:00 pm	PSEC Xiaodong Liang Power Systems Engineering Committee...	PSPC Keith Waters Power System Protection Committee...	ESC Allen Wu Energy Systems Committee...	WIE Noreen Anwar Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)...
2:00 pm - 2:30 pm	SDC 3001 Power System Desgn...	SDC 3005 Power System Emergency Stand-by...	C&S JJ Dai Codes and Standards Committee...	WIE Noreen Anwar Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)...
2:30 pm - 3:00 pm	SDC 3001 Power System Desgn...	SDC 3005 Power System Emergency Stand-by...	C&S JJ Dai Codes and Standards Committee...	OPEN OPEN...
3:30 pm - 4:00 pm	SDC 3004 Power System Protection...	SDC 3006 Power System Reliability...	GGWG Sergio Panetta Generator & Ground Fault Protection of MULT Gen Instal.	SDC 3004.2 Danny Kliebert Overcurrent Protection Standards Development...
4:00 pm - 4:30 pm	SDC 3004 Power System Protection...	SDC 3006 Power System Reliability...	GGWG Sergio Panetta Generator & Ground Fault Protection of MULT Gen Instal.	SDC 3004.2 Danny Kliebert Overcurrent Protection Standards Development...
4:30 pm - 6:00 pm	OPEN OPEN...	OP COM Sergio Panetta I&CPS Department Meeting...	OPEN OPEN...	OPEN OPEN...
THU, MAY 15, 2025	Awards Luncheon 12:00 pm - 1:30 pm - Opus 1			No PM Break-
	Mozart - Mtg 2	Ravel - Mtg 1	Brahms - Mtg 3	
1:30 pm - 2:00 pm	SDC 3003 Power System Grounding...	SDC 3002 Power System Analysis...	SDC 3007 Power Systems Maintenance , Operation , and, Safety...	
2:00 pm - 2:30 pm	SDC 3003 Power System Grounding...	SDC 3002 Power System Analysis...	SDC 3007 Power Systems Maintenance , Operation , and, Safety...	
2:30 pm - 3:00 pm	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...	
3:30 pm - 4:00 pm	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...	
4:00 pm - 4:30 pm	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...	
4:30 pm - 5:00 pm	OPEN OPEN...	OPEN OPEN...	OPEN OPEN...	

I&CPS 2025 Montreal, QC Canada

Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

MON, MAY 12, 2025

	Opus 1 - Ballroom 1
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
9:00 AM	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
10:30 AM	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers
12:00 PM	Lunch 12:00 - 1:00 pm - Aroma Restaurant
1:00 PM	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	WKSHOP 1 Green Computing: Energy/Thermal Management of Data Centers
5:00 PM	Green Computing: Energy/Thermal Management of Data Centers
6:00 PM - 8:00PM	RECEPTION Sponsored by Data Center & POSTER SESSIONS - Concerto Room

I&CPS 2025 Montreal, QC Canada**Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule****MON, MAY 12, 2025**

	Ravel - Mtg 1
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
8:00 AM	TUT 1 AC Generator Protection in Industrial and Commercial Power Systems
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
10:30 AM	TUT 1 AC Generator Protection in Industrial and Commercial Power Systems
12:00 PM	Lunch 12:00 - 1:00 pm - Aroma Restaurant
1:00 PM	TUT 2 An Overview of Shore-to-Ship Power
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	TUT 2 An Overview of Shore-to-Ship Power
5:00 PM	
6:00 PM - 8:00PM	RECEPTION Sponsored by Data Center & POSTER SESSIONS - Concerto Room

I&CPS 2025 Montreal, QC Canada

Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

TUE, MAY 13, 2025

	Opus 1 - Mtg 4		
6:30 AM	Breakfast Brasserie Milton 6:30 - 7:30 AM		
7:30 AM	General Session Ravel Foyer		
	PSEC #1 8:00 am - 10:00 am		
	Session Chair: Kent Sayler		
8:00 AM	2025-ICPSD25-0032	Mardegan, C	
	Understanding Transient Overvoltage and its High Frequency – A Review		
8:30 AM	2025-ICPSD25-0043	Parise, G	
	Long LV Circuits in Road Tunnels		
9:00 AM	2025-ICPSD25-0025	Kong, L	
	Marine Environment Adaptability Testing Laboratory for Lithium-Ion Batteries		
9:30 AM	2025-ICPSD25-0063	Zhang, Z	
	Locating of Single Phase to Ground Fault in Multi-Branch Distribution Networks Considering Impedance Parameters Deviations		
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer		
	PSEC #1 10:30 am - 12:00 pm		
	Session Chair: Kent Sayler		
10:30 AM	2025-ICPSD25-0064	Zhang, Z	
	Localization for Arc Faults with Various Structure Based on Spatial Distribution of Magnetic Field		
11:00 AM	2025-ICPSD25-0024	Sadiq, M	
	Next-Generation Sustainable Shipping: A Bibliographic Analysis of Alternative Fuels in Maritime Systems		
11:30 AM	2025-ICPSD25-0044	Enrique, E	
	Submarine Cable Jackets Affected by Lightning Strikes in Offshore Environments		
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break		
1:00 PM	OPEN	-	
	OPEN		
1:30 PM	OPEN	-	
	OPEN		
2:00 PM	EHFSC Mike Anthony	Mike A	
	Educational and Healthcare Facilities Subcommittee		
2:30 PM	EHFSC Mike Anthony	Mike A	
	Educational and Healthcare Facilities Subcommittee		
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer		
3:30 PM	PHSC Giuseppe Parise	Giuseppe P	
	Forensics Subcommittee		
4:00 PM	PHSC Giuseppe Parise	Giuseppe P	
	#N/A		
4:30 PM	FSC Giuseppe Parise	Giuseppe P	
	#N/A		
5:15 PM			

I&CPS 2025 Montreal, QC Canada

Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

TUE, MAY 13, 2025

	Mozart - Mtg 2
6:30 AM	Breakfast Brasserie Milton 6:30 - 7:30 AM
7:30 AM	General Session Ravel Foyer
	ESC #1 8:00 am - 10:00 am Session Chair: Marcos Donolo
8:00 AM	2024-ICPSD25-0014 Trinh, T A Comparative Study of Hybrid Frequency Control Strategies for Wind Turbines Integrating Active and Passive Controls
8:30 AM	2025-ICPSD25-0035 Su, C Adaptive Neural Fault-Tolerant Finite Time Tracking Controls of Type-4 Offshore Wind Turbine Systems
9:00 AM	2024-ICPSD25-0012 Zakaria, A Design of Renewable Energy Systems for El-Fasher City in Sudan
9:30 AM	2024-ICPSD25-0015 Gia, H Online Fault Detection and Diagnosis Methodology for Photovoltaic Systems Using I-V Characteristic Analysis
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	ESC #1 10:30 am - 12:00 pm Session Chair: Marcos Donolo
10:30 AM	2025-ICPSD25-0047 Alsafasfeh, Q Technical Considerations for Startup of Off-Grid Microgrids with Renewable Distributed Energy Resources
11:00 AM	2024-ICPSD25-0018 Wang, L Stability Analysis of Two Renewable Systems Fed to Two Power Grids through a Four-Terminal HVDC Link based on a Modular
11:30 AM	2025-ICPSD25-0005 Gharouni S Adaptive Damping Control to Improve Transient Stability in Grid-Forming VSG
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break
1:00 PM	SDC Daleep Mohla Daleep M Standards Development Committee Meeting
1:30 PM	SDC Daleep Mohla Daleep M Standards Development Committee Meeting
2:00 PM	PSD/G/A SC Sergio Sergio P Power System Design/Grounding/Analysis
2:30 PM	PSRSC Bob Arno Bob A Power System Reliability Subcommittee
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	ESPSC Tim Coyle Tim C Emergency and Standby Power Subcommittee
4:00 PM	ESPSC Tim Coyle Tim C Emergency and Standby Power Subcommittee
4:30 PM	PSMOSSC Giuseppe Parise Giuseppe P Power System Maintenance, Operations, and Safety Subcommittee
5:15 PM	

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TUE, MAY 13, 2025

	Brahms - Mtg 3	
6:30 AM	Breakfast Brasserie Milton 6:30 - 7:30 AM	
7:30 AM	General Session Ravel Foyer	
	PSPC #1 8:00 am - 10:00 am Session Chair: Danny Kliebert	
8:00 AM	2025-ICPSD25-0018	Rodriguez, J Fault Detection Using Time-Domain Incremental Negative-Sequence Energy in Distribution Grids
8:30 AM	2025-ICPSD25-0029	Ramani, G Challenges with Modern Data Centers, Design Considerations and Recommended Power System Studies – Literature Survey
9:00 AM	2024-ICPSD25-0004	Jee, A Structure and Design of Solid-State Grounding System
9:30 AM	2024-ICPSD25-0005	Jee, A Performance Evaluation of Solid-State Grounding
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer	
	PSPC #1 10:30 am - 12:00 pm Session Chair: Danny Kliebert	
10:30 AM	2025-ICPSD25-0048	Zhao, Z Quantifying Reliability Improvements in Distribution Systems with Grid-Forming Inverter Integration
11:00 AM	2025-ICPSD25-0030	Ramos, G LSTM-Based Approach for Operational, Fault and Cyberattack Events Classification in Digital Substations: Frequency and
11:30 AM	2025-ICPSD25-0065	Liang, X Asynchronous Operation of a Synchronous Generator Following a Fast Loss of Field Detection: Challenges and A Remedy
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break	
1:00 PM	OPEN	- OPEN
1:30 PM	OPEN	- OPEN
2:00 PM	LVPSC Marcelo Valdes	Marcelo V Low Voltage Protection Subcommittee
2:30 PM	MVPSC Rob Hoerauf	Rob H Medium Voltage Protection Subcommittee
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer	
3:30 PM	SPSC Dev Paul	Dev P Surge Protection Subcommittee
4:00 PM	SDC 3004.6 Marcelo	Marcelo V AdHoc Study Group
4:30 PM	SDC 3004.6 Marcelo Valdes	Marcelo V AdHoc Study Group
5:15 PM		

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TUE, MAY 13, 2025

	Ravel - Mtg 1
6:30 AM	Breakfast Brasserie Milton 6:30 - 7:30 AM
7:30 AM	General Session Ravel Foyer
	IND #1 8:00 am - 10:00 am Session Chair: Rob Hoerauf
8:00 AM	2025-ICPSIT-0004 Higginson, I Introduction to Industrial and Commercial Power Systems Protection and Coordination
8:30 AM	2025-ICPSIT-0014 Fox, G Evaluating the Short Circuit Current Duty of Low Voltage Overcurrent Devices
9:00 AM	2025-ICPSIT-0002 Neeser, D Overcurrent Protection Considerations with NEMA Design BE and CE Motors
9:30 AM	2025-ICPSIT-0003 Thernes, K ABCs of MV VFDs
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	IND #1 10:30 am - 12:00 pm Session Chair: Rob Hoerauf
10:30 AM	2025-ICPSIT-0005 Waters, K Fault Managed Power Systems: A New Way to Distribute Power
11:00 AM	2025-ICPSIT-0001 Saleh, S Power System Survivability: A promising Tool for Planning Load-Side Activities
11:30 AM	2025-ICPSIT-0015 Mardegan, C Evaluation and Sizing a Generator Circuit Breaker for a Nuclear Plant
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break
1:00 PM	OPEN - OPEN
1:30 PM	OPEN - OPEN
2:00 PM	DERSC Zhengyuan Zhang Zhengyuan Z Distributed Energy Resources Subcommittee
2:30 PM	MGVPPSC Zhaohao Ding Zhaohao D Microgrids and Virtual Power Plant Subcommittee
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	CCESSC Chun-Lien Su Chun-L Climate change and energy security subcommittee
4:00 PM	DCSC Keith Waters Keith W DataCenter Subcommittee
4:30 PM	DCSC Keith Waters Keith W DataCenter Subcommittee
5:15 PM	

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WED, MAY 14, 2025

	Opus 1 - Mtg 4
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	PSEC #2 8:00 am - 10:00 am Session Chair: Xiaodong Liang
8:00 AM	2025-ICPSD25-0001 Zulfiqar A Distributed Resilient Control for Inverter Based Resources in Shore-Ship Cyber-Physical Microgrids
8:30 AM	2025-ICPSD25-0049 Fathizadan, M Building Energy Management System Impact on Community Microgrids Resiliency, Reliability, and Robustness Enhancement
9:00 AM	2025-ICPSD25-0051 Hadidi, R Robust Online Inertia Estimation in Power Systems Using Ambient Data in the Presence of Inverter-Based Resources
9:30 AM	2025-ICPSD25-0011 Martirano, L Power Sharing Model with Variable Inductors Integrated in Residential LVAC Microgrids
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	PSEC #2 10:30 am - 12:00 pm Session Chair: Xiaodong Liang
10:30 AM	2025-ICPSD25-0012 Martirano, L A Case Study of a Microgrid for a Nearly Zero-Energy Refurbished Isolated House
11:00 AM	2025-ICPSD25-0028 Liang, X Voltage Residual-Based Detection and Localization of Inverter Open Switch Faults Using Voltage Trajectory Vector Patterns in
11:30 AM	2025-ICPSD25-0006 Liang, X Protection of Inverter-Based Isolated Microgrids: A Review
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break
1:00 PM	WIE Noreen Anwar Noreen A Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)
1:30 PM	WIE Noreen Anwar Noreen A Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)
2:00 PM	WIE Noreen Anwar Noreen A Women in Engineering Lunch & Learn 12pm - 2:30pm (see Flyer)
2:30 PM	OPEN - OPEN
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	SDC 3004.2 Danny Kliebert Danny K Overcurrent Protection Standards Development
4:00 PM	SDC 3004.2 Danny Kliebert Danny K Overcurrent Protection Standards Development
4:30 PM	OPEN - OPEN
5:15 PM	

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

WED, MAY 14, 2025

	Mozart - Mtg 2
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	ESC #2 8:00 am - 10:00 am Session Chair: Su, Chun-Lien
8:00 AM	2025-ICPSD25-0027 Vasile, A From The Laboratory To The Market: Considerations On The Electrical Safety Of A Prototype Of Off-Grid Charging Station For E-
8:30 AM	2025-ICPSD25-0038 Sun, K Dynamic Interactive Framework of Power System Considering Multiple VSC Integration
9:00 AM	2025-ICPSD25-0054 Heidari K Evaluating Lightning-Caused Wildfire Risk to Alaska's Power Grid Infrastructure
9:30 AM	2025-ICPSD25-0052 Wei, X Two-stage Bidding Strategy for Uninterruptible Power Supply in Energy and Reserve Markets
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	ESC #2 10:30 am - 12:00 pm Session Chair: Su, Chun-Lien
10:30 AM	2025-ICPSD25-0053 Wei, X Discriminative Pricing for Adjustable Capabilities of Virtual Power Plants Under Uncertainty
11:00 AM	2025-ICPSD25-0056 Liasi, S Technical and Economic Analysis of Megawatt Scale Multi-Source Organic Rankine Cycle Heat Recovery System
11:30 AM	2024-ICPSD25-0013 Wiboonrat, M Reduce the Operating Costs and Carbon Emissions of Data Centers by using LNG Cold Utilization from Small-scale Liquefied
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break
1:00 PM	PSEC Xiaodong Liang Xiaodong L Power Systems Engineering Committee
1:30 PM	PSEC Xiaodong Liang Xiaodong L Power Systems Engineering Committee
2:00 PM	SDC 3001 Standards Development Power System Desgn
2:30 PM	SDC 3001 Standards Development Power System Desgn
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer
3:30 PM	SDC 3004 Standards Development Power System Protection
4:00 PM	SDC 3004 Standards Development Power System Protection
4:30 PM	OPEN - OPEN
5:15 PM	

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

WED, MAY 14, 2025

	Brahms - Mtg 3	
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast	
	PSPC #2 8:00 am - 10:00 am Session Chair: Saleh Saleh	
8:00 AM	2024-ICPSD25-0001	Jee, A Multi-Level Converters in Permanent Magnet Synchronous Motor Drives: Effects on the Common-Mode Voltage
8:30 AM	2025-ICPSD25-0015	Donolo, M High-Frequency Voltage Analysis for Turn to Turn Short-Circuit Fault Detection in Induction Motor During Startup Transient
9:00 AM	2025-ICPSD25-0041	Lei, X Transient Response of the Buried Cable and Lightning Channel Radiation of M-components in Five Rocket-triggered Lightning
9:30 AM	2025-ICPSD25-0046	Gokaraju, R Optimized CNN for Fault Recognition in Power Systems with High Penetrations of Inverter-Based Resources
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer	
	PSPC #2 10:30 am - 12:00 pm Session Chair:	
10:30 AM	2025-ICPSD25-0045	Mardegan, C Estimating arcing ground fault current factor for LV systems
11:00 AM	2025-ICPSD25-0042	Huang, Y Experimental Study on the Effectiveness of SPD Protection in Photovoltaic Systems Through Impulse Current Injection Test
11:30 AM	2024-ICPSD25-0006	Saleh, S Voltage Survivability in DC Micro-Grid Systems
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break	
1:00 PM	ESC Allen Wu	Allen W Energy Systems Committee
1:30 PM	ESC Allen Wu	Allen W Energy Systems Committee
2:00 PM	C&S JJ Dai	JJ D Codes and Standards Committee
2:30 PM	C&S JJ Dai	JJ D Codes and Standards Committee
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer	
3:30 PM	GGWG Sergio Panetta	Sergio P Generator & Ground Fault Protection of MULT Gen Instal. WG
4:00 PM	GGWG Sergio Panetta	Sergio P Generator & Ground Fault Protection of MULT Gen Instal. WG
4:30 PM	OPEN	- OPEN
5:15 PM		

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

WED, MAY 14, 2025

	Ravel - Mtg 1	
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast	
	IND #2 8:00 am - 10:00 am Session Chair: Kent Sayler	
8:00 AM	2025-ICPSIT-0016	Mohla, D NFPA 70E Tutorial
8:30 AM	2025-ICPSIT-0016	Mohla, D NFPA 70E Tutorial
9:00 AM	2025-ICPSIT-0016	Mohla, D NFPA 70E Tutorial
9:30 AM	2025-ICPSIT-0016	Mohla, D NFPA 70E Tutorial
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer	
	IND #2 10:30 am - 12:00 pm Session Chair: Kent Sayler	
10:30 AM	2025-ICPSIT-0012	Panetta, S Liquid cooled loadbanks for Data Centers
11:00 AM	2025-ICPSIT-0006	Babaei, M The Evolution of Modular Data Centers: Current Practices and Future Trends in Electrical Design
11:30 AM	2025-ICPSIT-0007	Ihlenfeldt, D Large Battery Energy Storage Systems and UL924 Emergency Power
12:00 PM	Lunch Break/Free Time 12:00 - 1:00 pm-Break	
1:00 PM	PSPC Keith Waters	Keith W Power System Protection Committee
1:30 PM	PSPC Keith Waters	Keith W Power System Protection Committee
2:00 PM	SDC 3005	Standards Development Power System Emergency Stand-by
2:30 PM	SDC 3005	Standards Development Power System Emergency Stand-by
3:00 PM	Break PM 3:00 - 3:30 PM - Ravel Foyer	
3:30 PM	SDC 3006	Standards Development Power System Reliability
4:00 PM	SDC 3006	Standards Development Power System Reliability
4:30:00 PM - 6:00 PM	OP COM Sergio Panetta	Sergio P I&CPS Department Meeting
5:15 PM		

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule	
THU, MAY 15, 2025	
	Opus 1 - Mtg 4
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	PSEC #3 8:00 am - 10:00 am Session Chair: Sergio Panetta
8:00 AM	2024-ICPSD25-0008 Trinh, T A Complete Review of Frequency Regulation in Wind Turbines Considering Adaptive Droop/Inertia Hybrid Control
8:30 AM	2025-ICPSD25-0050 Wang, P A Full Parameter identification Approach for Dynamic Equivalent Modeling of Wind Farm
9:00 AM	2025-ICPSD25-0033 Wang, F Ultra-Short-Term Regional Distributed PV Power Forecasting Method based on Spatiotemporal Correlation Mining and
9:30 AM	2024-ICPSD25-0016 Phan, Q Real-Time Estimation of Total Solar Power Output in A Region Using An Efficient Hybrid Transformer - Quantile Regression - KDE
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	PSEC #3 10:30 am - 12:00 pm Session Chair: Sergio Panetta
10:30 AM	2025-ICPSD25-0058 Phan, Q TSMixer: An Innovative Model for Advanced Bias Correction of NWP Solar Irradiance and One-Day-Ahead Power Forecasting
11:00 AM	2025-ICPSD25-0039 Zhen, Z Research on Ultra-Short Term PV Power Forecasting Method Considering Weather Similarity based on Multi-dimensional
11:30 AM	2025-ICPSD25-0020 Zhen, Z A Short-Term PV Power Forecasting Method Based on GCN and Error Correction Strategy
12:00 PM	Awards Luncheon 12:00 pm - 1:30 pm - Opus 1
	No PM Break-

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

THU, MAY 15, 2025

	Mozart - Mtg 2
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	ESC #3 8:00 am - 10:00 am Session Chair: Marcos Donolo
8:00 AM	2024-ICPSD25-0002 Saleh, S Power-Based Categorization of Micro-Grid Systems
8:30 AM	2024-ICPSD25-0003 Saleh, S Application and Advantages of the Power-Based Categorization Method in Micro-Grid Systems
9:00 AM	2025-ICPSD25-0007 Zhao, L Comparative Analysis of DC Arc Faults versus Operational Transients
9:30 AM	2024-ICPSD25-0017 Wang, L Suppression of Unstable Torsional Modes in a Hybrid Steam-Turbine Generator/Offshore Wind Farm System Using an Interline
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	ESC #3 10:30 am - 12:00 pm Session Chair: Marcos Donolo
10:30 AM	2024-ICPSD25-0019 Wang, L Voltage Stability Improvement of Multi-Microgrid Clusters with Electrical Vehicle Loads Using Unified Power Flow Controllers
11:00 AM	2025-ICPSD25-0010 Chen, K Transformer Health-Aware Bridge Crane Scheduling in Highly Renewable Seaport Microgrid
11:30 AM	2025-ICPSD25-0003 Liang, X A Pilot Protection Scheme for Inverter-Based Isolated Microgrids in Remote Areas
12:00 PM	Awards Luncheon 12:00 pm - 1:30 pm - Opus 1
1:30 PM	SDC 3003 Standards Development Power System Grounding
2:00 PM	SDC 3003 Standards Development Power System Grounding
2:30 PM	OPEN - OPEN
3:00 PM	No PM Break-
3:30 PM	OPEN - OPEN
4:00 PM	OPEN - OPEN
4:30 PM	OPEN - OPEN
5:15 PM	

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THU, MAY 15, 2025

	Brahms - Mtg 3
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	PSEC #4 8:00 am - 10:00 am Session Chair: Daniel Ihlenfeldt
8:00 AM	2025-ICPSD25-0037 Sun, K Super-Resolution Reconstruction Method for Power System Data Considering Weather Impacts based on Self-Attention
8:30 AM	2025-ICPSD25-0061 Bonfiglio, A A Machine Learning Algorithm To Minimize Distribution Lines Overload
9:00 AM	2025-ICPSD25-0013 Martirano, L A Monitoring Platform Tool for Energy Communities Optimization and AI Applications
9:30 AM	2025-ICPSD25-0017 Menichelli, R Innovative IFC classification in BIM models ready to be converted into Digital Twins
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	PSEC #4 10:30 am - 12:00 pm Session Chair: Daniel Ihlenfeldt
10:30 AM	2025-ICPSD25-0022 Menichelli, R BIM and Digital Twin in Smart Electrical Power System: an Innovative Standard Classification
11:00 AM	2024-ICPSD25-0010 Lin, C Graph-Reinforcement Learning for Service Restoration in Distribution Automation Systems
11:30 AM	2025-ICPSD25-0009 Safavizadeh, A Admittance-Based Aggregated Modeling of Distributed Energy Resources with Proportional-Resonant Control in Nodal Analysis
12:00 PM	Awards Luncheon 12:00 pm - 1:30 pm - Opus 1
1:30 PM	SDC 3007 Standards Development Power Systems Maintenance , Operation , and, Safety
2:00 PM	SDC 3007 Standards Development Power Systems Maintenance , Operation , and, Safety
2:30 PM	OPEN - OPEN
3:00 PM	No PM Break-
3:30 PM	OPEN - OPEN
4:00 PM	OPEN - OPEN
4:30 PM	OPEN - OPEN
5:15 PM	

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Conference Attendance Planner - Technical Sessions, Paper Presentation & Industry Track Schedule

THU, MAY 15, 2025

	Ravel - Mtg 1
7:00 AM	Brasserie Milton 7:00 - 8:00 AM - Breakfast
	IND #3 8:00 am - 10:00 am Session Chair: Rob Hoerauf
8:00 AM	2025-ICPSIT-0013 Anthony, M Education & Healthcare Facilities Committee: The Next 10 Years
8:30 AM	2025-ICPSIT-0008 Arno, R History of the IEEE Gold Book, Power Systems Reliability, IEEE STD 493
9:00 AM	OPEN - OPEN
9:30 AM	OPEN - OPEN
10:00 AM	Break AM 10:00 - 10:30 AM - Ravel Foyer
	IND #3 10:30 am - 12:00 pm Session Chair: Rob Hoerauf
10:30 AM	OPEN - OPEN
11:00 AM	OPEN - OPEN
11:30 AM	OPEN - OPEN
12:00 PM	Awards Luncheon 12:00 pm - 1:30 pm - Opus 1
1:30 PM	SDC 3002 Standards Development Power System Analysis
2:00 PM	SDC 3002 Standards Development Power System Analysis
2:30 PM	OPEN - OPEN
3:00 PM	No PM Break-
3:30 PM	OPEN - OPEN
4:00 PM	OPEN - OPEN
4:30 PM	OPEN - OPEN
5:15 PM	