



I & CPS

Industrial & Commercial Power Systems

**61st Annual
Industrial and Commercial Power Systems
(I&CPS) Technical Conference**

Linking Research to Industry



IEEE

*Advancing Technology
for Humanity*

MAY 12-15, 2025

DELTA HOTELS MONTREAL BY MARRIOTT
475 President Kennedy Avenue, Montreal, QC
H3A 1J7, Canada
1-514-286-1986



Welcome

This is the 61ST annual IEEE Industrial and Commercial Power Systems (I&CPS) Technical Conference. The Conference reflects the activities of the I&CPS Department of the Industry Applications Society (IAS) of the IEEE. Over its 60+ year history, the conference has been the forum bringing together IAS' experienced engineers and our younger engineers. Many aspects of Industrial & Commercial Power Systems are presented and discussed in relevant papers sponsored by one of the four I&CPS Department Committees participating in this conference (the Rural Committee has a separate technical conference). The Technical Committees participating in this conference are:

- Codes and Standards
- Energy Systems
- Power System Engineering
- Power System Protection

A centerpiece and key activity of this conference is developing and updating one of the most comprehensive series of IEEE Standards on Recommended Practices for Industrial and Commercial Power Systems (formerly known as the 13 Color Books). Standards Series 3000 working groups have assigned panels, presentations, and comments discussion sessions in this conference aimed at completing the review and publication efforts of the set, which articulates many of the best practices for designers and maintainers of industrial and commercial power systems.

We are happy to have you with us and invite you to participate in the standards meetings, paper presentations, and social events.

Thank you for your support!

Thanks to our Sponsors!!

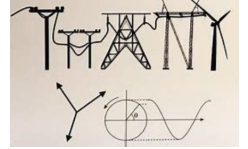
etap[®]



Data Center Sub-Committee

Conference Leadership

Conference Co-Chairs: Sergio Panetta and Kent Sayler



I&CPS Department Roster

Chair	Sergio Panetta
Vice Chair	Saleh Saleh
Secretary	Mahesh Illandala
SDC Chair	Daleep Mohla
Meetings Committee Chair	Daleep Mohla
Power Systems Eng Com. PSEC Chair	Xiaodong Liang
Power Syst. Protection Com. PSPC Chair	Keith Waters
Energy Systems Com. ESC Chair	Marcos Donolo
Codes and Standards Com (CSC), Chair	JJ Dai
Rural Electric Power Com. (REPC), Chair	Clifton Oertli
Awards & Recognition Chair	Andy Hernandez
Fellows & Senior Members Chair	Daleep Mohla
Bylaws	Kent Sayler
Nominations	Kent Sayler
Communications Chair (Webmaster)	Sergio Panetta
Past Chair	Rob Hoerauf

Thank you for all the work you've put into making this a great conference!

MONDAY, May 12

REGISTRATION - Bach Room All Day

Come by the registration desk to pick up your conference materials.

WORKSHOP - see detailed agenda, p. 3

TUTORIALS - see detailed agenda, p. 4

RECEPTION - Concerto Room 6:00 PM to 8:00 PM

Join us for drinks, appetizers, and a chance to connect or reconnect with colleagues and friends.

STUDENT POSTER SESSION (Monday during the Reception with Authors)

TUESDAY, May 13 - THURSDAY, May 15

REGISTRATION - Bach Room All Day

Come by the registration desk to pick up your conference materials.

STUDENT POSTER SESSION

Tuesday during AM & PM Breaks 10:00am-10:30am & 3:00pm-3:30pm no Authors in attendance

MORNINGS

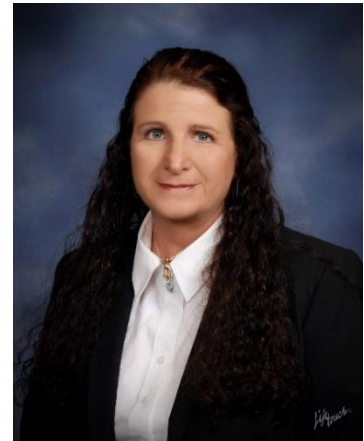
Technical Sessions and Industry Track (Tues & Wed. only).

AFTERNOONS

Committee Meetings and Working Groups.

IEEE Standards Medallion Award, 2025

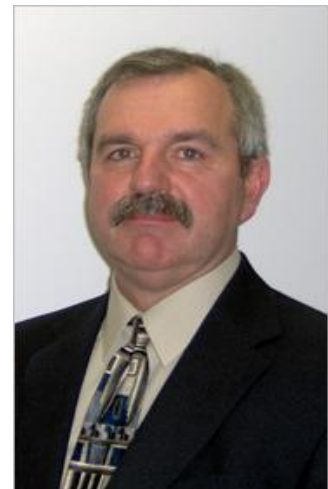
Lorraine K. Padden, P.E., FIEEE is founder and President of Padden Engineering, LLC, in Katy, TX established in 1996. Ms. Padden provides electrical engineering services for power systems. She received a Bachelor of Science degree in Electrical Engineering from South Dakota School of Mines & Technology, then worked for Shell Oil Company and subsidiaries. Since 1985, she has contributed to American Petroleum Institute and IEEE standards. She is Chair of IEEE Std 3004.8 (Motor Protection) and Chair/Co-Chair of IEEE Std 1349 (Application of Motors in Hazardous Locations) for 2001, 2011, and 2021 editions. She has Chaired Chapters in IEEE 242 (Buff Book) and IEEE 1015 (Blue Book) and participates in several IEEE 3000 series standards Working Groups. Ms. Padden is a member of the Fellow Evaluation Committee and is a recipient of the IEEE Standards Medallion, IEEE/IAS/PCIC Emeritus Award for Outstanding Service, and PCIC David C. Azbill award and is a Licensed Professional Engineer in California, Texas, and Washington. Ms. Padden has been a member of IEEE for forty-five years and was elevated to the grade of IEEE Fellow with the following citation: *for contributions to development of standards for motor protection and applications in industry.*



IEEE Department Achievement Award, 2025

Robert G. Arno, P.E., IEEE Fellow received his B.S. in Electrical Engineering from State University of New York at Utica/Rome in 1982 and is a Fellow IEEE achieving status. Bob has been involved with the Gold Book from the 1990s contributing to several of the chapters creating the data chapter with the coordination of the USACE, PREP office. He has authored and co-authored over 50 Reliability papers over the years sporting the development of the Gold Book series. Bob has co-written and contributed to the NEC Article 708 Critical Operations Power Systems with Angie Stoyas, USACE.

He chairs the I&CPS Reliability Subcommittee and is chair of the I&CPS Reliability Working Group. Bob has worked in the reliability field for 42 years, joining North Point Defense (a General Atomics Company) in 2017, where he is currently is the Director of Business development and manages the Critical Facility Group. He has developed several Reliability standards for the US Army Corps of Engineers, including a Unified Facilities Criteria for Power Sustainability for critical facilities.



I&CPS 2025 AWARDS



Award	Paper #	Paper Title	Author(s)
Ralph Lee Prize Paper Award (Department Award)	2023-PSEC-1617	Robustness Assessment of Distributed Optimal Power Flow Under Communication Non-Idealities (117.0)	Nathan Gray, Subho Paul, Anamila Dubey, Anjan Bose, Jim Ogle, Md. Touhiduzzaman
Codes and Standards Committee Prize Paper Award	2024-CSC-0080	Critical Comparative Review of International Standards on Wireless Charging for Light-duty Electric Vehicles (105)	Vincenzo Cirimele, Fabio Freschi, Lei Zhao
Energy Systems Committee Prize Paper Award	2024-ESC-0806	A Distributed Robust Voltage Control Framework for Active Distribution Systems (114)	Junjun Xu, Yu Mu, Cheng Wei, Guangling Gong, Jungao Huang, Tengfel Zhang, Qiran Hu, Kang Chen, Andrew Yang Wu
Power System Engineering Committee Prize Paper Award	2024-PSEC-0984	Decentralized Model Predictive Control for Offshore Wind-Powered Seaport DC Microgrids with Electric Vehicle Stations (115)	Muhammad Sediq, Chun-Lien Su, Milan Straka, Lubos Buzna, Alexander Micallef, Giuseppe Parise
Power System Protection Committee Prize Paper Award	2024-PSPC-1019	Non-Stationary Phase Digital Relay Against Arcing Current Faults in Medium-to-Low Voltage Transformers (111.667)	Saleh Saleh, Mohammed Haj-Ahmed, Razzaqul Ahshan, Marcelo Valdes, Peter Sutherland, Ahmed Al-Durra
Award			Recipient
Department Achievement Award			Robert Arno
Standard Medallion Award			Lorraine Padden



Trailblazers....

William (Bill) J. Moylan P.E.

William J. Moylan P.E., affectionately known as Bill, died peacefully in his sleep on April 1st, 2025. Bill was passionate about electrical engineering (including substations) and was a Life Fellow of the IEEE. His professional advice was still being sought, even into his 80s.

He was an active member in the IEEE and the Industry Applications Society (IAS) from 1974. In his retirement his professional success evolved from three decisions that he made, and all had one theme in common—a willingness to invest in his education, in his work, and in his profession.

Affiliation

Industrial & Commercial Power Systems Department (I&CPSD)

Biography


Bill Moylan, past chair of the Industrial & Commercial Power Systems Department (I&CPSD). He is a past recipient of IEEE Standards Association Standards Medallion and the 2011 I&CPSD Achievement Award.

Bill Moylan demonstrated a deep commitment to Industrial and Commercial Power Systems (I&CPS) and the advancement of standards development. As Chair of the Working Group, he led the effort to produce the final edition of IEEE Standard 141-1993 — Recommended Practice for Electric Power Distribution for Industrial Plants — popularly known as the "Red Book," and the first volume in the esteemed IEEE Color Book series.

In recognition of his outstanding leadership and significant contributions to standards development, Bill was elevated to be an IEEE Fellow in 1998. His citation read: “For leadership in the development of standards for electric power distribution for industrial systems.”

Elevation to IEEE Fellow is one of the organization’s highest honors, reserved for individuals with extraordinary accomplishments in IEEE fields of interest. IEEE, the world’s largest technical professional organization, has over 400,000 members globally. Each year, only one-tenth of one percent of its voting membership of IEEE is selected for this prestigious distinction of elevation to be an IEEE Fellow.

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 Sadin, 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 Zulfiqar, 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 Zhan, 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 Zhan, Z.	2025-ICPSD25-0007 Zhao, J.	2025-ICPSD25-0003 Liang, X.	2025-ICPSD25-0013 Martirano, I.	2025-ICPSD25-0009 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 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
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12:00 PM	Lunch 12:00 - 1:00 pm - Aroma Restaurant
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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	

I&CPS 2025 Montreal, QC Canada

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

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 Marcelo V Valdes AdHoc Study Group
5:15 PM	

I&CPS 2025 Montreal, QC Canada

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

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	

I&CPS 2025 Montreal, QC Canada

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

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	

I&CPS 2025 Montreal, QC Canada

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	

I&CPS 2025 Montreal, QC Canada

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		

I&CPS 2025 Montreal, QC Canada

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-

I&CPS 2025 Montreal, QC Canada

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	

I&CPS 2025 Montreal, QC Canada

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

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	

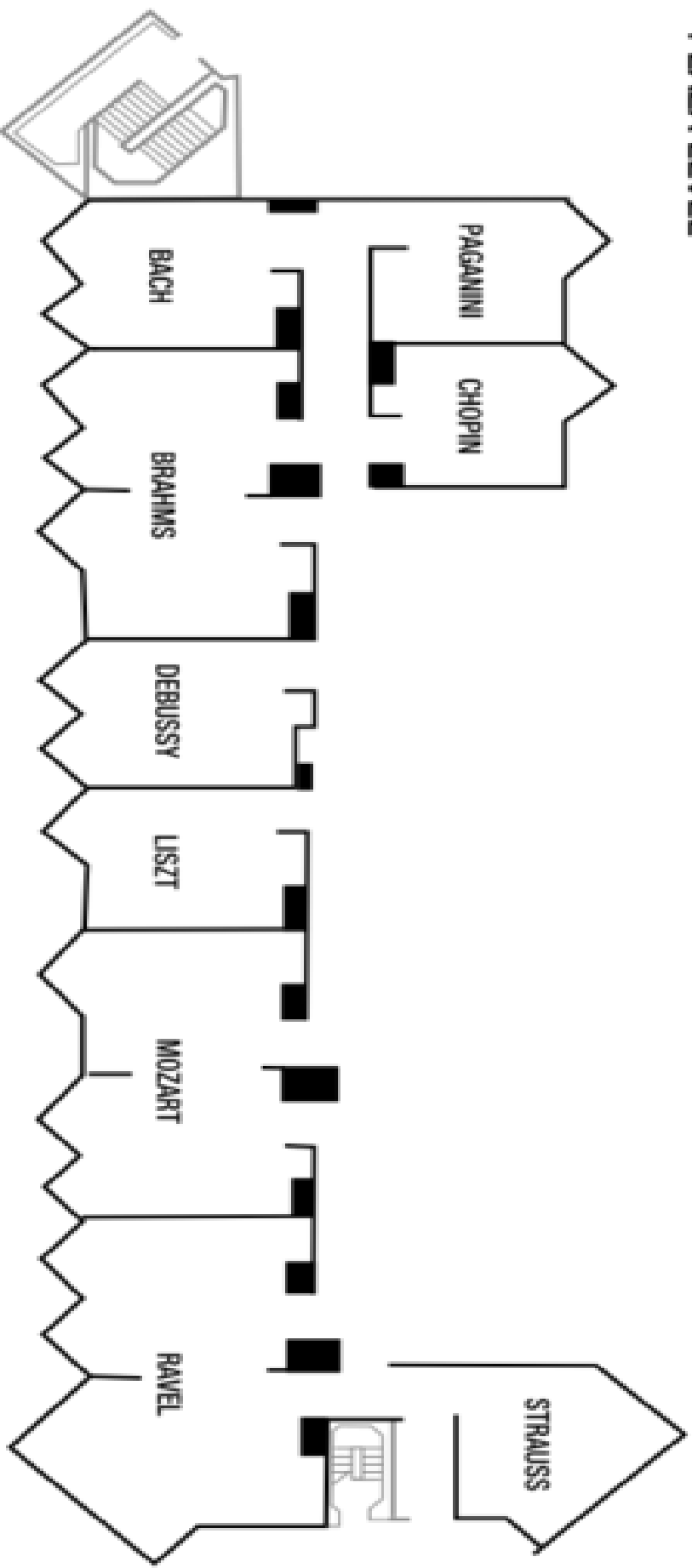
I&CPS 2025 Montreal, QC Canada

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

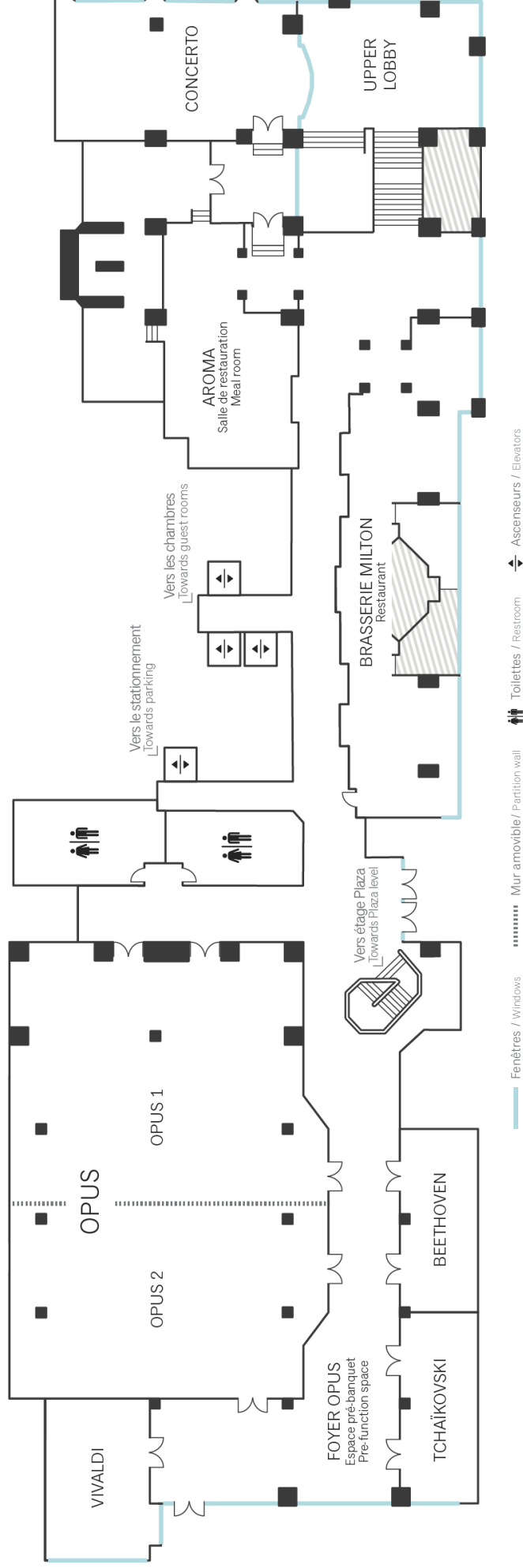
THU, MAY 15, 2025

	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	

PLAZA LEVEL



MEZZANINE



MEZZANINE

	I x L x H W x L x H	m ²	Sq. Ft.	Théâtre Theatre	École Classroom	Disposition en U U-Shape	Carré Ouvert Hollow Square	Conférence Boardroom	Ronds de 8 ou 10 Rounds of 8 or 10	Réception Cocktail	Diner dansant Dinner Dance	Kiosque Exhibit Booth
Beethoven	16'x40'x9.6'	68	640	65	36	30	32	30	70	70	—	4
Tchaïkovski	16'x40'x9.6'	68	640	65	36	30	30	30	70	70	—	4
Vivaldi	22'x33'x9.6'	89	726	70	42	30	36	30	60	70	50	5
Opus	63'x99'x9.6'	670	6,237	600	300	—	—	—	475	600	425	34
Opus 1	63'x57'x9.6'	386	3,391	300	190	32	64	48	250	300	200	18
Opus 2	63'x42'x9.6'	284	2,646	200	110	48	52	48	200	250	150	14
Concerto	30'x50'x9.6'	133	1,500	110	62	42	40	30	110	120	80	10
Foyer Opus	—	—	—	—	—	—	—	—	—	—	—	—
Brasserie Milton	—	—	—	—	—	—	—	—	—	120	—	—



Théâtre
Theatre



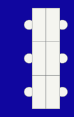
École
Classroom



Disposition en U
U-Shape



Carré Ouvert
Hollow Square



Conférence
Boardroom



Ronds de 8 ou 10
Rounds of 8 or 10



Réception
Cocktail



Diner Dansant
Dinner Dance

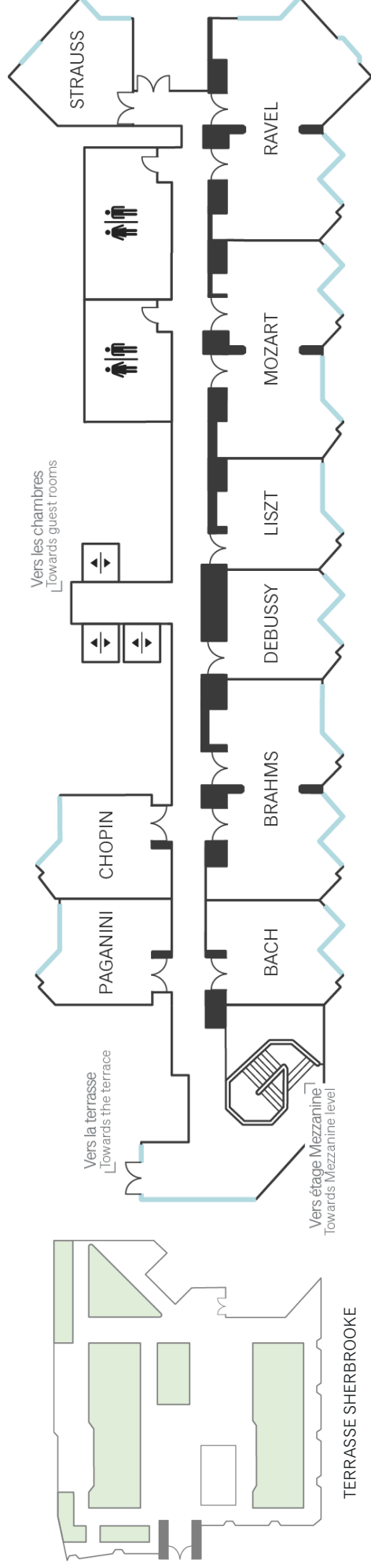


Kiosque
Exhibit Booth

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Montreal, QC H3A 1J7
514.286.1986



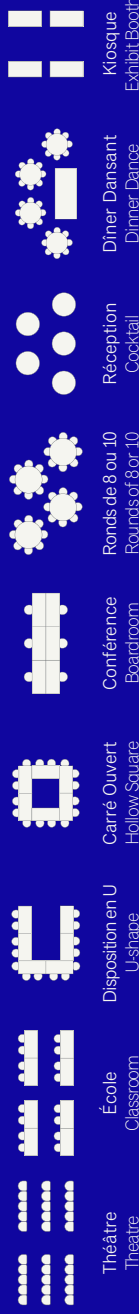
PLAZA



PLAZA

	I x L x H W x L x H	m ²	Sq. Ft.	Théâtre Theatre	École Classroom	Disposition en U U-Shape	Carré Ouvert Hollow Square	Conférence Boardroom	Ronds de 8 ou 10 Rounds of 8 or 10	Réception Cocktail	Dîner dansant Dinner Dance	Kiosque Exhibit Booth
Bach	23'x19'x9,3'	39	437	—	—	—	—	12	—	—	—	—
Brahms	23'x38'x9,3'	93	874	60	38	25	28	23	70	70	40	5
Chopin	23'x19'x9,3'	39	437	30	18	15	20	16	30	30	—	—
Debussy	23'x19'x9,3'	39	437	30	18	15	20	16	30	30	—	—
Listz	23'x19'x9,3'	39	437	30	18	15	20	16	30	30	—	—
Mozart	22'x39'x9,3'	92	858	60	38	25	28	23	70	70	40	5
Ravel	23'x47'x9,3'	116	1,081	80	45	30	30	32	80	90	60	6
Strauss	18'x20'x9,3'	33	360	30	12	14	16	14	30	30	—	—
Paganini	23'x19'x9,3'	39	437	30	18	14	16	16	30	30	—	—
Terrasse Sherbrooke	80'x60'	92	1,000	—	—	—	—	—	80*	200*	—	—

*configuration existante / actual set-up



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