

IEEE PES TRANSFORMERS COMMITTEE
SPRING 2019 MEETING: MARCH 24 TO MARCH 28
Hilton Anaheim Hotel; Anaheim, California USA

2/15/2019

-- Room locations designated as (1), (2), etc., indicate the "button to press" in the elevator.
 For instance, a room on (1) is located on First Level, and a room on (2) is located on Second Level.

KEY

Note: A PC projector will be furnished in each meeting room. Arrive early to ensure equipment operates/syncs correctly.
 > = activity continued into another session / from another session
 ++ = not a Transformers Committee activity
 TBD = To Be Determined

TRACK LEGEND

Admin	Administrative SC	Ins Life	Insulation Life SC
Bush	Bushings SC	Instr TR	Instrument Transformers SC
DiTests	Dielectric Tests SC	Mtgs	Meetings Planning SC
Distr	Distribution Transformers SC	PCS	Performance Characteristics SC
Dry Type	Dry Type Transformers SC	Power	Power Transformers SC
HVDC	HVDC Converter Transfs. and Smoothing Reactors SC	STNP	Submersible Transf. & Network Protectors SC
IF	Insulating Fluids SC	Stds	Standards SC

STATUS LEGEND

N	New
I	In-Progress
NC	Near Completion
B	Ballot Stage

THURSDAY, MARCH 21

No Meeting Registration, Technical Tours, Spouse/Companion Tours, or Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM – 5:00 PM	IEC MT 60076-4 Impulse Test Guide	++	T. Hochanh	–	Balboa A (4)

FRIDAY, MARCH 22

No Meeting Registration, Technical Tours, Spouse/Companion Tours, or Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM – 5:00 PM	IEC MT 60076-4 Impulse Test Guide	++	T. Hochanh	–	Balboa A (4)

SATURDAY, MARCH 23

No Registration and no Meetings, Technical Tours, or Spouse/Companion Tours Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
6:00 PM – ???	Early Bird Event: Fire + Ice Interactive Grill + Bar	Social			
	- Advance on-line registration required				
	- Meet in hotel lobby at 6:00 PM and walk over to Fire + Ice as a group (0.5 mile / 12 minute walk)				
	- Enjoy music and great food – registration fee includes all-you-care-to-eat grilled entrees (choose from a variety of fresh veggies, meats, pastas, seasonings and sauces)				
	- Cash bar				
	- See flyer for details				

SUNDAY, MARCH 24

No Technical Tours or Spouse/Companion Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
1:00 PM – 5:30 PM	Meeting Registration				Registration Desk (2)
2:00 PM – 5:30 PM	Administrative Subcommittee - Closed meeting, by invitation only	Admin	S. McNelly	–	Avila (4)
6:00 PM – 8:00 PM	Welcome Reception Renew old friendships and form new ones! This reception will be held outside (weather permitting) so everyone can enjoy the California sunshine. Cash bars, plenty of fabulous food and live music will be provided. Please indicate whether you will attend this reception during the meeting registration process. All registered attendees and spouses/companions are welcome to attend.				Sunset Deck (5)

MONDAY, MARCH 25 - Monday Breaks Sponsored by IFD Corporation **

No Technical Tours or Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM – 5:00 PM	Meeting Registration				Registration Desk (2)
7:00 AM – 7:50 AM	Newcomers Orientation - Breakfast meeting; arrive early! - Newcomers and guests are encouraged to attend!		B. Forsyth	–	California B (2)
7:00 AM – 7:50 AM	Distribution & STNP SC Leaders Coordination - Closed breakfast meeting, by invitation only	Distr/STNP	S. Shull / D. Mulkey	–	Malibu (4)
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				California Ballroom D (2)
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees)				Avalon (1)
8:00 AM – 9:15 AM	Opening Session - All registered meeting participants are encouraged to attend - See separate document on website for meeting agenda - Attendance required to maintain Committee Member status		S. McNelly	–	California Ballroom C (2)
9:15 AM – 4:30 PM	Spouses/Companions Tour: Cruisin' the Pacific Coast Hwy - Advance on-line registration required - Bus departs 9:15 AM from Hotel Way and returns ~4:30 PM; includes lunch - See flyer for details	Tour			
9:15 AM – 9:30 AM	Break (beverages only) - Sponsored by IFD Corporation *				California Ballroom Foyer (2) & Concourse Lounge (4)
9:30 AM – 10:45 AM	WG Thermal Evaluation C57.100	Ins Life	R. Wicks	N	California Ballroom A (2)
9:30 AM – 10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	I	California Ballroom B (2)
9:30 AM – 10:45 AM	TF PC12.152 PAR Preparation	Stds	M. Ferreira	N	Capistrano (4)
9:30 AM – 10:45 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	I	El Capitan (4)
9:30 AM – 10:45 AM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	I	Laguna (4)
9:30 AM – 10:45 AM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	I	Malibu (4)
10:45 AM – 11:00 AM	Break (beverages only) - Sponsored by IFD Corporation *				California Ballroom Foyer (2) & Concourse Lounge (4)
11:00 AM – 12:15 PM	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	I	California Ballroom A (2)
11:00 AM – 12:15 PM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	–	California Ballroom B (2)
11:00 AM – 12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	I	Capistrano (4)
11:00 AM – 12:15 PM	TF PC57.12.52 PAR Development	Dry Type	J. Tedesco	I	El Capitan (4)
11:00 AM – 12:15 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	I	Laguna (4)
11:00 AM – 12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	I	Malibu (4)
12:15 PM – 1:30 PM	Standards Development Review Luncheon Everyone is welcome to attend. All SC/WG/TF leaders are highly encouraged to attend. Doors open ~12:00 pm. Come early, get a good seat and start eating. Advance on-line registration required. Admission verified with RFID badge at the door. To listen to the presentation without eating lunch, arrive by 12:30 pm.				California Ballroom D (2)
1:45 PM – 3:00 PM	WG Installation of Power Transf. C57.93	Power	M. Lau	B	California Ballroom A (2)
1:45 PM – 3:00 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	–	California Ballroom B (2)
1:45 PM – 3:00 PM	WG Guide of FRA for Liquid Filled Transf. C57.149	PCS	C. Sweetser	I	Capistrano (4)
1:45 PM – 3:00 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	I	El Capitan (4)
1:45 PM – 3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	I	Laguna (4)
1:45 PM – 3:00 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	N	Malibu (4)
3:00 PM – 3:15 PM	Break (beverages and treats) - Sponsored by IFD Corporation *				California Ballroom Foyer (2) & Concourse Lounge (4)
3:15 PM – 4:30 PM	TF PD Limits for Factory Tests	DiTests	V. Mehrotra	–	California Ballroom A (2)
3:15 PM – 4:30 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	I	California Ballroom B (2)
3:15 PM – 4:30 PM	WG on Loss Measurement C57.123	PCS	E. teNyenhuis	N	Capistrano (4)
3:15 PM – 4:30 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	I	El Capitan (4)
3:15 PM – 4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara	I	Laguna (4)
3:15 PM – 4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	M. Sharp	–	Malibu (4)
4:30 PM – 4:45 PM	Break (beverages only) - Sponsored by IFD Corporation *				California Ballroom Foyer (2) & Concourse Lounge (4)
4:45 PM – 6:00 PM	WG High Temp Liquid Transformers C57.154	Ins Life	R. Marek	N	California Ballroom A (2)
4:45 PM – 6:00 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	-	California Ballroom B (2)
4:45 PM – 6:00 PM	WG Neutral Grounding Devices Amendment C57.32a	PCS	H. Sahin	N	Capistrano (4)
4:45 PM – 6:00 PM	TF IEEE-IEC Cross Reference	Stds	V. Mehrotra	I	El Capitan (4)
4:45 PM – 6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	NC	Laguna (4)
4:45 PM – 6:00 PM	TF Bushing Overload	Bush	M. Weisensee	N	Malibu (4)

TUESDAY, MARCH 26 - Tuesday Breaks Sponsored by JST Transformateurs **

No Technical Tours or Social Events Planned						
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)	
7:00 AM – 11:30 AM	Meeting Registration				Registration Desk (2)	
7:00 AM – 7:50 AM	EL&P Delegation (End-users only please) - Breakfast meeting; arrive early!		J. Murphy	–	Santa Monica (4)	
7:00 AM – 8:00 AM	Working Group Officer Training		J. Graham	N	California Ballroom B (2)	
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				California Ballroom D (2)	
7:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees)				Avalon (1)	
8:00 AM – 5:00 PM	Spouses/Companions Tour: Hooray for Hollywood! - Advance on-line registration required - Bus departs 8:00 AM from Hotel Way and returns ~5:00 PM; includes lunch (breakfast open early to accommodate) - See flyer for details	Tour				
8:00 AM – 9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	–	California Ballroom A (2)	
8:00 AM – 9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	I	California Ballroom B (2)	
8:00 AM – 9:15 AM	Open				Capistrano (4)	
8:00 AM – 9:15 AM	TF Temp Rise Test Procedures C57.12.90, Clause 11	Ins Life	A. Varghese	N	El Capitan (4)	
8:00 AM – 9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost / R. Marek	I	Laguna (4)	
8:00 AM – 9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	I	Malibu (4)	
9:15 AM – 9:30 AM	<i>Break (beverages only) - Sponsored by JST Transformateurs *</i>				California Ballroom Foyer (2) & Concourse Lounge (4)	
9:30 AM – 10:45 AM	TF Condition Assessment Guide	Power	B. Sparling	I	California Ballroom A (2)	
9:30 AM – 10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	I	California Ballroom B (2)	
9:30 AM – 10:45 AM	WG Submersible Transf. C57.12.24	STNP	G. Termini	I	Capistrano (4)	
9:30 AM – 10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	I	El Capitan (4)	
9:30 AM – 10:45 AM	TF Low Frequency Test Guide	DiTests	D. Sauer	N	Laguna (4)	
9:30 AM – 10:45 AM	WG Tests for Instrument Transf. C57.13.5	Instr TR	P. Riffon	I	Malibu (4)	
10:45 AM – 11:00 AM	<i>Break (beverages only) - Sponsored by JST Transformateurs *</i>				California Ballroom Foyer (2) & Concourse Lounge (4)	
11:00 AM – 12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	I	California Ballroom A (2)	
11:00 AM – 12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	I	California Ballroom B (2)	
11:00 AM – 12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	D. Blew	N	Capistrano (4)	
11:00 AM – 12:15 PM	WG HVDC Converter Neutral Devices Entity PC 57.32.10	PCS		N	El Capitan (4)	
11:00 AM – 12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	E. Smith	I	Laguna (4)	
11:00 AM – 12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	I	Malibu (4)	
12:15 PM – 1:30 PM	Awards Luncheon All meeting attendees are encouraged to attend to show appreciation and recognize accomplishments. Doors open ~12:00 pm. Come early, get a good seat and start eating. Advance on-line registration is required. Admission verified with RFID badge at the door.				California Ballroom D (2)	
1:45 PM – 3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	–	California Ballroom A (2)	
1:45 PM – 3:00 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	N	California Ballroom B (2)	
1:45 PM – 3:00 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	N	Capistrano (4)	
1:45 PM – 3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	I	El Capitan (4)	
1:45 PM – 3:00 PM	WG Instrument Transf. Tests PC57.13.2	Instr TR	T. Sizemore	I	Laguna (4)	
1:45 PM – 3:00 PM	WG Determine Max Winding Temp Rise PC57.169	Ins Life	S. Digby	N	Malibu (4)	
3:00 PM – 3:15 PM	<i>Break (beverages and pretzels) - Sponsored by JST Transformateurs *</i>				California Ballroom Foyer (2) & Concourse Lounge (4)	
3:15 PM – 4:30 PM	WG Gas Interpretation Guide C57.104	IF	C. Beauchemin	B	California Ballroom A (2)	
3:15 PM – 4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	N	California Ballroom B (2)	
3:15 PM – 4:30 PM	TF Freq Domain Spectroscopy of Bushings C57.12.200	DiTests	P. Patel	N	Capistrano (4)	
3:15 PM – 4:30 PM	TF Volts per Hertz	PCS	K. Yule	N	El Capitan (4)	
3:15 PM – 4:30 PM	WG High-Temp Insulat. Materials, P-1276	Ins Life	R. Wicks	I	Laguna (4)	
3:15 PM – 4:30 PM	WG Std Terminal Markings C57.12.70	Stds	J. Varnell	I	Malibu (4)	
4:30 PM – 4:45 PM	<i>Break (beverages only) - Sponsored by JST Transformateurs *</i>				California Ballroom Foyer (2) & Concourse Lounge (4)	
4:45 PM – 6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	I	California Ballroom A (2)	
4:45 PM – 6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	I	California Ballroom B (2)	
4:45 PM – 6:00 PM	TF Cont. Rev to Imp. Test Sect of C57.12.00 & C57.12.90	DiTests	P. Riffon	–	Capistrano (4)	
4:45 PM – 6:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	N	El Capitan (4)	
4:45 PM – 6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	I	Laguna (4)	
4:45 PM – 6:00 PM	TF Instrument Transf. Accuracy	Instr TR	I. Ziger	N	Malibu (4)	

IEEE PES TRANSFORMERS COMMITTEE
SPRING 2019 MEETING: MARCH 24 TO MARCH 28
Hilton Anaheim Hotel; Anaheim, California USA

2/15/2019

WEDNESDAY, MARCH 27 - Wednesday Breaks Sponsored by R.L. Components **

No Registration and no Technical Tours or Spouse/Companion Events Planned						
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)	
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				California Ballroom D (2)	
7:00 AM – 8:00 AM	SC Meetings Planning - Breakfast meeting; arrive early! - All interested individuals welcome	Mtgs	T. Behrens	-	Capistrano (4)	
7:00 AM – 8:00 AM	IEC TC-14 Technical Advisory Group - Breakfast meeting; arrive early! - All interested individuals welcome	++	P. Hopkinson	-	Laguna (4)	
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)				Avalon (1)	
8:00 AM – 9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	-	California Ballroom A (2)	
8:00 AM – 9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	-	California Ballroom B (2)	
9:15 AM – 9:30 AM	<i>Break (beverages only) - Sponsored by R.L. Components *</i>					California Ballroom Foyer (2)
9:30 AM – 10:45 AM	SC Distribution Transformers	Distr	E. Smith	-	California Ballroom A (2)	
9:30 AM – 10:45 AM	SC Bushings	Bush	P. Zhao	-	California Ballroom B (2)	
10:45 AM – 11:00 AM	<i>Break (beverages only) - Sponsored by R.L. Components *</i>					California Ballroom Foyer (2)
11:00 AM – 12:15 PM	SC Submersible Transf. & Network Protectors	STNP	D. Mulkey	-	California Ballroom A (2)	
11:00 AM – 12:15 PM	SC Dielectric Test	DiTests	A. Varghese	-	California Ballroom B (2)	
12:15 PM – 1:30 PM	<i>Lunch (on your own)</i>					
1:30 PM – 2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	-	California Ballroom A (2)	
1:30 PM – 2:45 PM	SC Power Transformers	Power	B. Griesacker	-	California Ballroom B (2)	
2:45 PM – 3:00 PM	<i>Break (beverages and treats) - Sponsored by R.L. Components *</i>					California Ballroom Foyer (2)
3:00 PM – 4:15 PM	SC Insulating Fluids	IF	D. Wallach	-	California Ballroom A (2)	
3:00 PM – 4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	-	California Ballroom B (2)	
4:15 PM – 4:30 PM	<i>Break (beverages only) - Sponsored by R.L. Components *</i>					California Ballroom Foyer (2)
4:30 PM – 5:45 PM	SC Standards	Stds	J. Murphy	-	California Ballroom A (2)	
6:45 PM – 10:00 PM	Magical Evening at Disneyland's California Adventure Park Social - Advance on-line registration required; admission confirmed with RFID name badge and wristband - First shuttle bus departs Hilton on Hotel Way at 6:45 PM for DCA and will run every 15 minutes until 7:30 PM; first return shuttle departs Disney at 8:30 PM and will run every 15 minutes until 10:30 PM - Enter park beginning at 7:00 PM; walk to Hyperion Courtyard right inside the park for buffet dinner, cash bar and entertainment - After eating, enjoy all the park has to offer until close at 10:00 PM; SEE FLYER FOR DETAILS					

THURSDAY, MARCH 28

No Meeting Registration, Technical Tours, Spouse/Companion Tours, or Social Events Planned						
TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)	
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				California Ballroom D (2)	
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)					
8:00 AM – 9:15 AM	Technical Presentation 1 Keeping Grids Resilient – Transformer Exchange Within Days and Additional Options to Maximize Network Stability Through Use of State-of-the-Art High Temperature Materials and Connectivity, By: Richard Marek (DuPont), Peter Mueller (Pfisterer), Anastasia O'Malley (ConEd) and Ewald Schweiger (Siemens) - See flyer on website for details **	Tutorial			California Ballroom C (2)	
9:15 AM – 9:30 AM	<i>Break (beverages only)</i>					California Ballroom Foyer (2)
9:30 AM – 10:45 AM	Technical Presentation 2 IEEE C57.161-2018 — Newly Published Guide for Dielectric Frequency Response Test By: Ali Naderian, Poorvi Patel and Peter Werelius - See flyer on website for details **	Tutorial			California Ballroom C (2)	
10:45 AM – 11:00 AM	<i>Break (beverages only)</i>					California Ballroom Foyer (2)
11:00 AM – 12:00 PM	Closing Session - All attendees are encouraged to attend - See separate document on website for meeting agenda				California Ballroom C (2)	
12:00 PM	<i>Lunch (on your own)</i>					
12:30 PM – 4:30 PM	NEMA Transformers	++	J. Stewart	-	El Capitan (4)	

* Contact Ed Smith (edsmith@ieee.org) if you are interested in sponsoring a day of coffee breaks at a future meeting.

** Contact Tom Prevost (tprevost@ieee.org) if you are interested in making a technical presentation at a future meeting.

FRIDAY, MARCH 29

No Events Planned

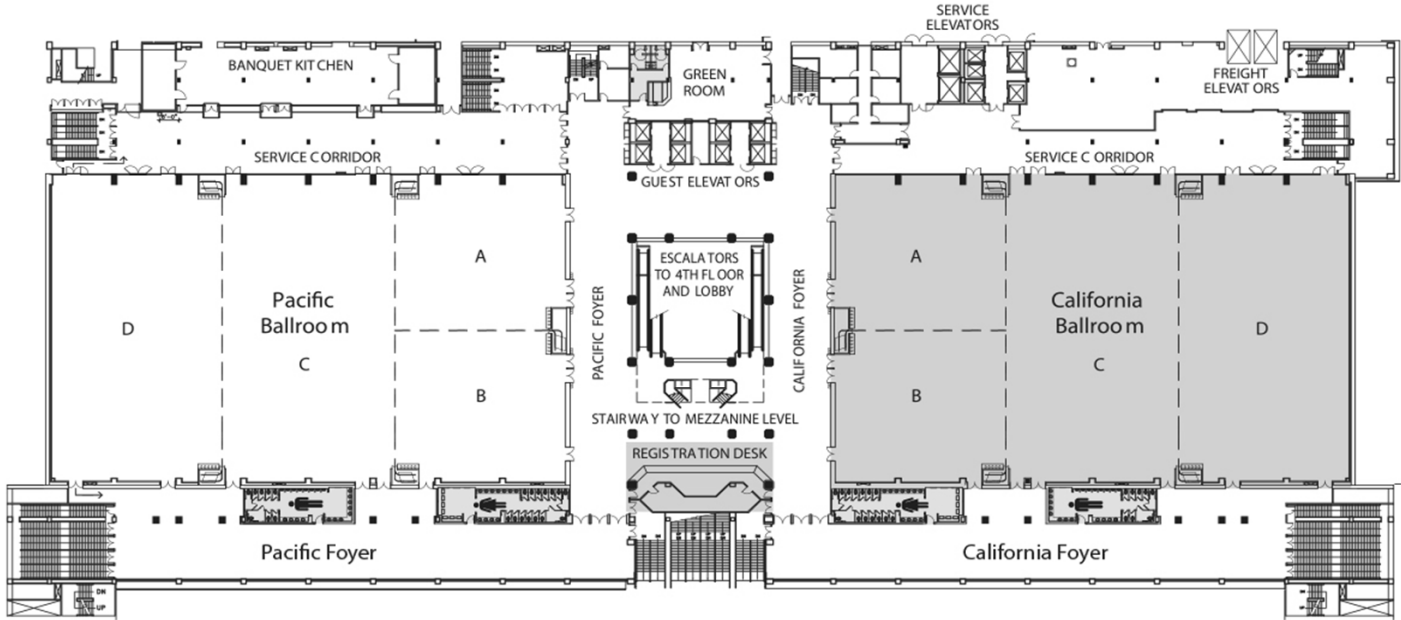
FUTURE COMMITTEE MEETINGS

Fall 2019: October 27–31; Columbus, Ohio, USA

Spring 2020: TBD

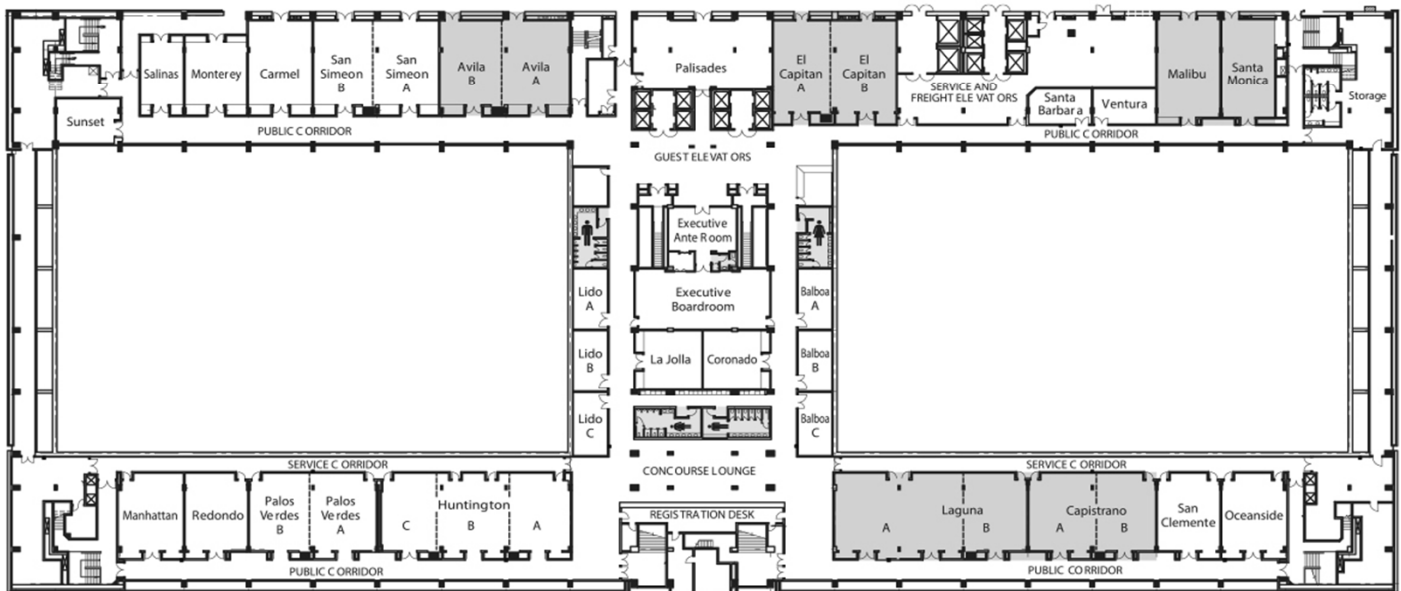
BALLROOM LEVEL

SECOND FLOOR



CONCOURSE LEVEL

FOURTH FLOOR



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SUBCOMMITTEE MEETING LIST

SPRING 2019 MEETING: MARCH 24 TO MARCH 28

Hilton Anaheim Hotel; Anaheim, California USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
3/24/2019	2:00 PM	5:30 PM	Administrative Subcommittee - Closed meeting, by invitation only	Admin	S. McNelly	Avila (4)
3/25/2019	11:00 AM	12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	Malibu (4)
3/25/2019	3:15 PM	4:30 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	California Ballroom B (2)
3/25/2019	4:45 PM	6:00 PM	TF Bushing Overload	Bush	M. Weisensee	Malibu (4)
3/26/2019	11:00 AM	12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	E. Smith	Laguna (4)
3/27/2019	9:30 AM	10:45 AM	SC Bushings	Bush	P. Zhao	California Ballroom B (2)
3/25/2019	9:30 AM	10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	California Ballroom B (2)
3/25/2019	11:00 AM	12:15 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	Laguna (4)
3/25/2019	1:45 PM	3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	Laguna (4)
3/25/2019	3:15 PM	4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara	Laguna (4)
3/26/2019	8:00 AM	9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	California Ballroom B (2)
3/26/2019	1:45 PM	3:00 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	California Ballroom B (2)
3/26/2019	4:45 PM	6:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	El Capitan (4)
3/27/2019	9:30 AM	10:45 AM	SC Distribution Transformers	Distr	E. Smith	California Ballroom A (2)
3/25/2019	7:00 AM	7:50 AM	Distribution & STNP SC Leaders Coordination - Closed breakfast meeting, by invitation only	Distr/STNP	S. Shull / D. Mulke	Malibu (4)
3/25/2019	9:30 AM	10:45 AM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	Laguna (4)
3/25/2019	1:45 PM	3:00 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	Malibu (4)
3/25/2019	3:15 PM	4:30 PM	TF PD Limits for Factory Tests	DiTests	V. Mehrotra	California Ballroom A (2)
3/26/2019	8:00 AM	9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	California Ballroom A (2)
3/26/2019	9:30 AM	10:45 AM	TF Low Frequency Test Guide	DiTests	D. Sauer	Laguna (4)
3/26/2019	1:45 PM	3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	California Ballroom A (2)
3/26/2019	3:15 PM	4:30 PM	TF Freq Domain Spectroscopy of Bushings C57.12.200	DiTests	P. Patel	Capistrano (4)
3/26/2019	4:45 PM	6:00 PM	TF Cont. Rev to Imp. Test Sect of C57.12.00 & C57.12.90	DiTests	P. Riffon	Capistrano (4)
3/27/2019	11:00 AM	12:15 PM	SC Dielectric Test	DiTests	A. Varghese	California Ballroom B (2)
3/25/2019	9:30 AM	10:45 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	El Capitan (4)
3/25/2019	11:00 AM	12:15 PM	TF PC57.12.52 PAR Development	Dry Type	J. Tedesco	El Capitan (4)
3/25/2019	1:45 PM	3:00 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	El Capitan (4)
3/26/2019	8:00 AM	9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost / R. Ma	Laguna (4)
3/26/2019	1:45 PM	3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	El Capitan (4)
3/26/2019	4:45 PM	6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	Laguna (4)
3/27/2019	1:30 PM	2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	California Ballroom A (2)
3/25/2019	3:15 PM	4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	M. Sharp	Malibu (4)
3/26/2019	1:45 PM	3:00 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	Capistrano (4)
3/26/2019	3:15 PM	4:30 PM	WG Gas Interpretation Guide C57.104	IF	C. Beauchemin	California Ballroom A (2)
3/27/2019	3:00 PM	4:15 PM	SC Insulating Fluids	IF	D. Wallach	California Ballroom A (2)
3/25/2019	9:30 AM	10:45 AM	WG Thermal Evaluation C57.100	Ins Life	R. Wicks	California Ballroom A (2)
3/25/2019	11:00 AM	12:15 PM	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	California Ballroom A (2)
3/25/2019	4:45 PM	6:00 PM	WG High Temp Liquid Transformers C57.154	Ins Life	R. Marek	California Ballroom A (2)
3/26/2019	8:00 AM	9:15 AM	TF Temp Rise Test Procedures C57.12.90, Clause 11	Ins Life	A. Varghese	El Capitan (4)
3/26/2019	9:30 AM	10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	El Capitan (4)
3/26/2019	1:45 PM	3:00 PM	WG Determine Max Winding Temp Rise PC57.169	Ins Life	S. Digby	Malibu (4)
3/26/2019	3:15 PM	4:30 PM	WG High-Temp Insulat. Materials, P-1276	Ins Life	R. Wicks	Laguna (4)
3/26/2019	4:45 PM	6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	California Ballroom A (2)
3/27/2019	8:00 AM	9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	California Ballroom B (2)
3/26/2019	8:00 AM	9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	Malibu (4)
3/26/2019	9:30 AM	10:45 AM	WG Tests for Instrument Transf. C57.13.5	Instr TR	P. Riffon	Malibu (4)
3/26/2019	11:00 AM	12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	Malibu (4)
3/26/2019	1:45 PM	3:00 PM	WG Instrument Transf. Tests PC57.13.2	Instr TR	T. Sizemore	Laguna (4)
3/26/2019	4:45 PM	6:00 PM	TF Instrument Transf. Accuracy	Instr TR	I. Ziger	Malibu (4)
3/27/2019	8:00 AM	9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	California Ballroom A (2)
3/27/2019	7:00 AM	8:00 AM	SC Meetings Planning - Breakfast meeting; arrive early! - All interested individuals welcome	Mtgs	T. Behrens	Capistrano (4)

SUBCOMMITTEE MEETING LIST

SPRING 2019 MEETING: MARCH 24 TO MARCH 28

Hilton Anaheim Hotel; Anaheim, California USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
3/25/2019	11:00 AM	12:15 PM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	California Ballroom B (2)
3/25/2019	1:45 PM	3:00 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	California Ballroom B (2)
3/25/2019	1:45 PM	3:00 PM	WG Guide of FRA for Liquid Filled Transf. C57.149	PCS	C. Sweetser	Capistrano (4)
3/25/2019	3:15 PM	4:30 PM	WG on Loss Measurement C57.123	PCS	E. teNyenhuis	Capistrano (4)
3/25/2019	4:45 PM	6:00 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	California Ballroom B (2)
3/25/2019	4:45 PM	6:00 PM	WG Neutral Grounding Devices Amendment C57.32a	PCS	H. Sahin	Capistrano (4)
3/26/2019	9:30 AM	10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	California Ballroom B (2)
3/26/2019	11:00 AM	12:15 PM	WG HVDC Converter Neutral Devices Entity PC 57.32.10	PCS		El Capitan (4)
3/26/2019	11:00 AM	12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	California Ballroom B (2)
3/26/2019	3:15 PM	4:30 PM	TF Volts per Hertz	PCS	K. Yule	El Capitan (4)
3/26/2019	3:15 PM	4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	California Ballroom B (2)
3/26/2019	4:45 PM	6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	California Ballroom B (2)
3/27/2019	3:00 PM	4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	California Ballroom B (2)
3/25/2019	11:00 AM	12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	Capistrano (4)
3/25/2019	1:45 PM	3:00 PM	WG Installation of Power Transf. C57.93	Power	M. Lau	California Ballroom A (2)
3/25/2019	3:15 PM	4:30 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	El Capitan (4)
3/26/2019	9:30 AM	10:45 AM	TF Condition Assessment Guide	Power	B. Sparling	California Ballroom A (2)
3/26/2019	11:00 AM	12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	California Ballroom A (2)
3/27/2019	1:30 PM	2:45 PM	SC Power Transformers	Power	B. Griesacker	California Ballroom B (2)
3/25/2019	9:30 AM	10:45 AM	TF PC12.152 PAR Preparation	Stds	M. Ferreira	Capistrano (4)
3/25/2019	9:30 AM	10:45 AM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	Malibu (4)
3/25/2019	4:45 PM	6:00 PM	TF IEEE-IEC Cross Reference	Stds	V. Mehrotra	El Capitan (4)
3/26/2019	3:15 PM	4:30 PM	WG Std Terminal Markings C57.12.70	Stds	J. Varnell	Malibu (4)
3/27/2019	4:30 PM	5:45 PM	SC Standards	Stds	J. Murphy	California Ballroom A (2)
3/25/2019	4:45 PM	6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	Laguna (4)
3/26/2019	9:30 AM	10:45 AM	WG Submersible Transf. C57.12.24	STNP	G. Termini	Capistrano (4)
3/26/2019	11:00 AM	12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	D. Blew	Capistrano (4)
3/27/2019	11:00 AM	12:15 PM	SC Submersible Transf. & Network Protectors	STNP	D. Mulkey	California Ballroom A (2)