



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2019 Meeting – Savannah, Georgia

FINAL AGENDA 31-March-2019

ICC MEETING SCHEDULE

MONDAY, 8-APRIL-2019 (08.04.2019) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Bascom / Geene	Scarborough Ballroom / Foyer	Registered ICC Meeting Attendees (Only)
8:00 AM – 9:30 AM		Spouse / Companion Breakfast*	Bascom	River Lounge	Registered Spouse/Companions ONLY
7:00AM-8:00AM		All Chairs Breakfast Meeting - (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Bascom / Geene	Harborside East	ICC Meeting, Subcommittee, WG/DG Operational Announcements
7:00AM–8:00AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Regency Ballroom A	Subcommittee presentation loadings on ICC Computer
7:00AM-12:00PM		Registration	Arnold / B. Taylor	Registration Booth	On-Site Registration & Registration Package Pickup
7:30AM-5:30PM		Table Top Displays		Scarborough 12345	Product/Services Exhibitions
8:00AM-9:00 AM		OPENING SESSION All Attendees	Bascom / Geene	Regency Ballroom	ICC Meeting Announcements, IEEE, PES & ICC Awards
9:15AM-12:15 PM	A	CABLE CONSTRUCTION & DESIGN	Wen / Richardson	Regency Ballroom A	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on Page 1)</small>					
9:15 AM - 10:15 AM	Ad Hoc (B)	Link Boxes for Joints and Terminations	TBD / TBD	Regency Ballroom B-C	Meeting to evaluate need and interest to start discussion group on link boxes – application, requirements, trends
	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Regency Ballroom D-E-F	Continue working on finalizing P1406 guide document
	B18W	Application Guide for Separable Connectors (IEEE 1215)	Szysko / Smalley	Verelst/Percival/Vernon	To start review of the document and discuss what to add
				Westbrook	
	C39D	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	Sloane	Presentations and open discussion
	D08W	IEEE 634, Cable Penetration Fire Test	G. Taylor / Stansberry	Plimsoll	Prepare standard for ballot
10:15–10:30AM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	Registered ICC Meeting Attendees (Only)
10:30AM – 12:15PM	B17W	Guide for Faulted Circuit Indicators (1610)	Angerer / Reed-Harmel	Regency Ballroom B-C	Review Balloting of P1610 and 495 DG meeting for renewal of IEEE495-2007
	C20W	Soil Thermal Stability (1254)	Moutassem / vacant	Regency Ballroom D-E-F	Discuss need to develop / revise guide
	B09W	Guide for Cable Cleaning Solvents (1493)	Lauxman / Fosse	Verelst/Percival/Vernon	Review revised Guide 1493 for REVCOM submittal
	C30W	Trial Use Guide for Extending the Life of Power Cables in the Field	Joy / Klyweg	Westbrook	The group voted in Spring 2018 to let the PAR expire but will meet to discuss a CEATI guide on the topic.
	AdHoc (F)	Infrared Detection Systems	TBD / TBD	Sloane	Discuss infrared imaging for power cable systems, gauge interest for a guide and what information would go in it.
	D21W	Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Plimsoll	Prepare standard for ballot



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TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCHEON <i>(Must Register for This)</i>	Wald / Levine	Harborside	Networking and Technical Presentations
2:00 PM – 5:30 PM	F	FIELD TESTING AND DIAGNOSTICS	Cherukupalli / Tirinzoni	Regency Ballroom A	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on Page 1)</small>					
2:00 PM - 3:15 PM	A16D	Characteristics of EPR Cables	Fleming / Graham	Regency Ballroom B-C	Presentations and Discussions
	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Regency Ballroom D-E-F	Presentation and work on white paper
	C33D	Renewable Energies	Joy / Lee	Verelst/Percival/Vernon	IEEE 1547 Standards, and Interconnect Issues
	B21D	Application Guide for Cable Joints	Campbell / McGovern	Westbrook	Discussion of pertinent qualities when selecting which joint type to use for MV applications
	A06D	Accelerated Electrical Aging	Wald / Caronia	Sloane	(1) Aging of medium voltage PP insulation, (2) Cable insulation reliability under repetitive voltage transients
	D06W	IEEE Guide for Installation Fiber-Optic Cables (1428)	Cunningham / Wobick	Plimsoll	Continue standard revision
3:15-3:30PM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	Registered ICC Meeting Attendees (Only)
3:30PM – 5:30PM	A19D	Covered Conductors	T. Campbell / Nuckles	Regency Ballroom B-C	Presentations and discussions on utility experience with covered conductors, tree wire and spacer cable
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Owen	Regency Ballroom D-E-F	Presentation & Discussions on HPFF cable systems
	B12W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (1511 & 1511.1)	Bader / Ayres	Verelst/Percival/Vernon	Briefly review outline for proposed content and discuss organization and layout of proposed guide.
	C34W	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Westbrook	Further development of Guide for Manhole Expl
	A20D	Low Voltage Cable Systems Rated ≤ 600V	Brigandi / LaBlanc	Sloane	Presentations including an update on UL 2885 and Secondary Network Cable Design Requirements
	D23D	Cable Guide for Transit Infrastructure	Shoshani / Bayer	Plimsoll	PAR Development



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TUESDAY, 9-APRIL-2019 (09.04.2019) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00-8:00am		Attendee Breakfast	Bascom / Geene	Scarborough Ballroom / Foyer	All Registered ICC attendees
7:00-8:00am		Training: Policies and Procedures for Working Groups (Open to All)	Hiivala	Harborside East	Information for procedures on running working groups
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Bascom	River Lounge	Registered Spouse/Companions ONLY
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Regency Ballroom A	Subcommittee presentation loadings on ICC Computer
7:00 AM - 11:00 AM		Registration	Arnold / B. Taylor	Registration Booth	On-Site Registration
7:30 AM - 5:30 PM		Table Top Displays		Scarborough 12345	Product/Services Exhibitions
8:00 AM - 12:00 PM	C	CABLE SYSTEMS	Mueller / Frentzas	Regency Ballroom A	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on Page 1)</small>					
8:00 AM - 10:00 AM	A05W	Properties of Identifiable Jackets (IEEE Std. P-1235)	Guo / Raut	Regency Ballroom B-C	Presentations and formation of the working group – people intending to join the working group please be sure to attend.
	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404) Session 1 of 2	Madden / Norris	Regency Ballroom D-E-F	Family of products discussion and ongoing harmonization work (Session 1 of 2)
	B24W	495 Faulted Circuit Indicators – IEEE 495	Weaver / Reed-Harmel	Verelst/Percival/Vernon	Review what was sent to ballot and comments
	A11W	Guide for the Selection, Testing, Application and Installation of Cables Having Radial Moisture Barriers and/or Longitudinal Water Blocking IEEE 1142	Bow / Bayer	Westbrook	The A11W meeting will continue its activities to revise the 1142 Guide on Water Blocked Cable
	B23W	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Castro	Sloane	Meeting of a Discussion Group on Transmission IEEE 48 and 404 documents for Terminations and Joints
	D05W	Station Cable Installation Criteria (1185)	Merando / Bloethe	Plimsoll	Review ballot comments
10- 10:15AM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	Registered ICC Meeting Attendees (Only)
10:15AM - 12:00PM	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Wright	Regency Ballroom B-C	Review, Discuss and Agree on Working Group edits to the IEEE guide P532
	A14D	Power Cable Standards	B. Richardson / Eanes	Regency Ballroom D-E-F	Update on Standards Development from AEIC, ICEA, IEC and UL. Technical presentation on Insulation Contamination by George Valdes
	B16W	Separable Insulated Connectors (386)	Hughes / Allen	Verelst/Percival/Vernon	Reach consensus on title, scope and other groundwork for PAR
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Westbrook	Prepare latest draft for ballot
	D22W	Cables Systems for Hazardous Locations on Land Drilling Rigs(P2470)	Laudicina / Bayer	Sloane	Prepare Standard for ballot
	D12D	Nuclear Cable Service Qualified Life Extension	Spear / Zaidi	Plimsoll	Start development of white paper



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TUESDAY, 9-APRIL-2019 (09.04.2019) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00 PM	G	TRANSNATIONAL LUNCHEON <i>(Must Register for This)</i>	Gulski / Leufkens	Harborside	International Meetings Announcements and Technical
2- 5:30PM	B	CABLE ACCESSORIES	Campbell / Jovanovic	Regency Ballroom A	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on Page 1)</small>					
2:00 PM - 3:15 PM	A10D	Conductors	Joy / Liu	Regency Ballroom B-C	Discussion on cable and conductor improvements
	C01W	Ampacity Topics (IEEE 835)	Purnhagen / Goyette	Regency Ballroom D-E-F	Discuss ampacity problems/solutions, update to ampacity tables
	C11W	Submarine Cables (1120)	Orton / Dodeman	Verelst/Percival/Vernon	Revision of IEEE Standard 1120 on Submarine Cables
				Westbrook	
	F11W	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Sloane	Discussion of content of first draft
	D15W	Flame Propagation Testing (1202)	Stansberry / Hills	Plimsoll	Continue Revision of Standard
3:15-3:30PM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	Registered ICC Meeting Attendees (Only)
3:30 PM - 5:30 PM	A08W	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	Wright / Zhou	Regency Ballroom B-C	Continue work on revision of standard 1210
	C40D	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / McGovern	Regency Ballroom D-E-F	Presentations plus continued discussion on converting pipe cables to XLPE
	C37D	Submarine Cable	Orton / Alvarez	Verelst/Percival/Vernon	Discussion on submarine & offshore cables
	F01W	Field Testing and Evaluation of Shielded Cables (IEEE 400)	Wen / Hampton	Westbrook	Initial meeting to reactivate and understand the required updates
	F06W	Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)- IEEE P400.5	Larzelere / vacant	Sloane	Discussion of current draft
	D07W	Evaluation of Cables For Class 1E Circuits In Nuclear Generating Stations (1186)	Watson / Mantey	Plimsoll	Continue developing recommended practice



ICC MEETING SCHEDULE

WEDNESDAY, 10-APRIL-2019 (10.04.2019) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Bascom / Geene	Scarborough Ballroom / Foyer	All Registered ICC attendees
7:00-8:00am		Training: IEEE & the General Data Protection Regulation (Open to All)	Kipness	Harborside East	Standards Association presentation on GDPR
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Bascom	River Lounge	Registered Spouse/Companions ONLY
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Regency Ballroom A	Subcommittee Presentation Loadings on ICC Computer
7:30 AM - 1:00 PM		Table Top Displays		Scarborough 12345	
8:00 AM - 11:15 AM	D	GENERATING STATION AND INDUSTRIAL CABLES	G.Taylor / Laudicina	Regency Ballroom A	Technical Presentations
11:15AM-12:00PM	D17W	Fire-Rated Circuit Integrity Cables for Hydrocarbon Fires (1717)	Maldonado / Schmidt		D17W: Revise / harmonize with IEC
BREAKOUT WG/DG MEETINGS <small>(see notes on Page 1)</small>					
8:00 AM - 10:00 AM	A15W	Guide for Selection and Design of Aluminum Sheaths for Power Cables IEEE 635	Bartolucci / Garcia	Regency Ballroom B-C	Discuss moving forward from the last draft of 635/D2
	F07W	Guide on Neutral Corrosion in MV Underground Cables (1617)	von Herrmann / Giotis	Regency Ballroom D-E-F	Reviewing proposed revisions by the writing group to Std 1617
	B05W	Connection of Cables to GIS (1300)	Frentzas / Thompson	Verelst/Percival/Vernon	Discussions, presentations and update on CIGRE WG B1/B3.49 work
	B19W	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Westbrook	Review instructions for preparing PILC cables and changes to Title, Scope, and Purpose
	C36D	Real Time and Dynamic Current Rating	Grodzinski / Moutassem	Sloane	Discussion of the latest version of the future guide
	G10D	International Organizations	Zenger / Orton	Plimsoll	Update on Cigre SCs & B1 Cables. US activities plus WGs. Update on IEC. JTF Cigre/ICC.
10 – 10:15 AM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	Registered ICC Meeting Attendees (Only)
10:15 AM - 12:00 PM	A13W	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water Tanks (1407)	Wald / Raut	Regency Ballroom B-C	Continue work on revision of IEEE 1407
	B06W	Guide for Connecting Surge Arresters to Protect Shielded Cable Systems (C62.22.1)	Lanz / van Besouw	Regency Ballroom D-E-F	Review the new PAR submission and new text recommendations
	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404) Session 2 of 2	Madden / Norris	Verelst/Percival/Vernon	. Family of products discussion and ongoing harmonization work (Session 2 of 2)
	C23W	Overhead / Underground Transition Structures	TBD. / TBD	Westbrook	Select chair/vice-chair, review current document
	C29W	Induced Voltage Work Procedures (1727)	Uddin / Wong	Sloane	Guide Schedule Update, B1.44 Presentation from CIGRE Fall Meeting - M. Cabau
				Plimsoll	



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WEDNESDAY, 10-APRIL-2019 (10.04.2019) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:00-1:00 PM	ICC ON-SITE LUNCHEON (No Presentations) (Must Pay / Register for This)			Harborside	No Presentations
1:00-5:00PM	Education Program: "Cables and Your Burning Questions"		Mosier / Jajack	Regency Ballroom A	Industry experts will present the difference between heat resistance, flame resistance, and fire resistance as related to cables. We'll learn about fire-rated cables, including where they are used, and how to select and install a fire-rated cable. Finally, we'll learn about the very latest in fire resistive testing.
3:00-3:15PM	Break	Education Program: Refreshments / Snacks	Bascom		

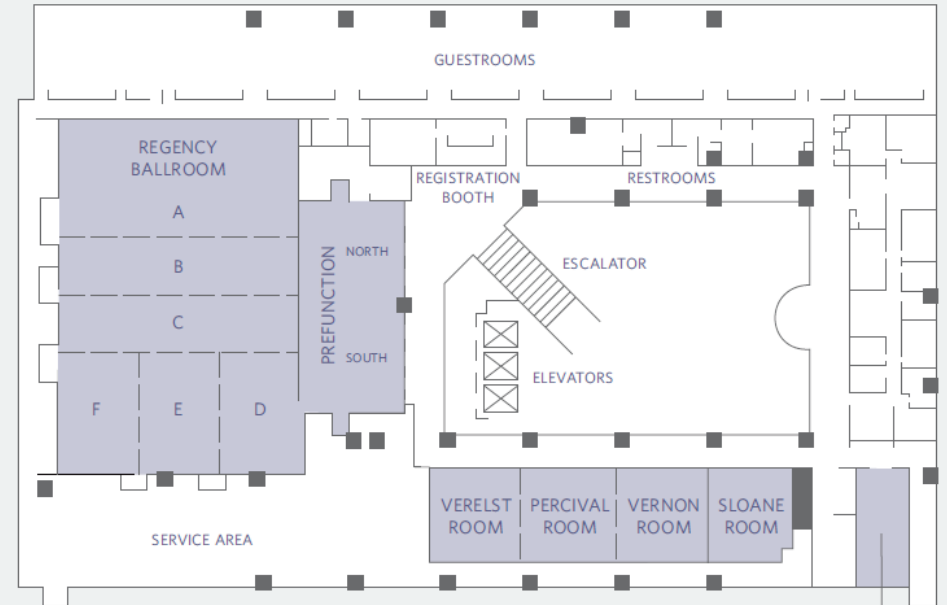
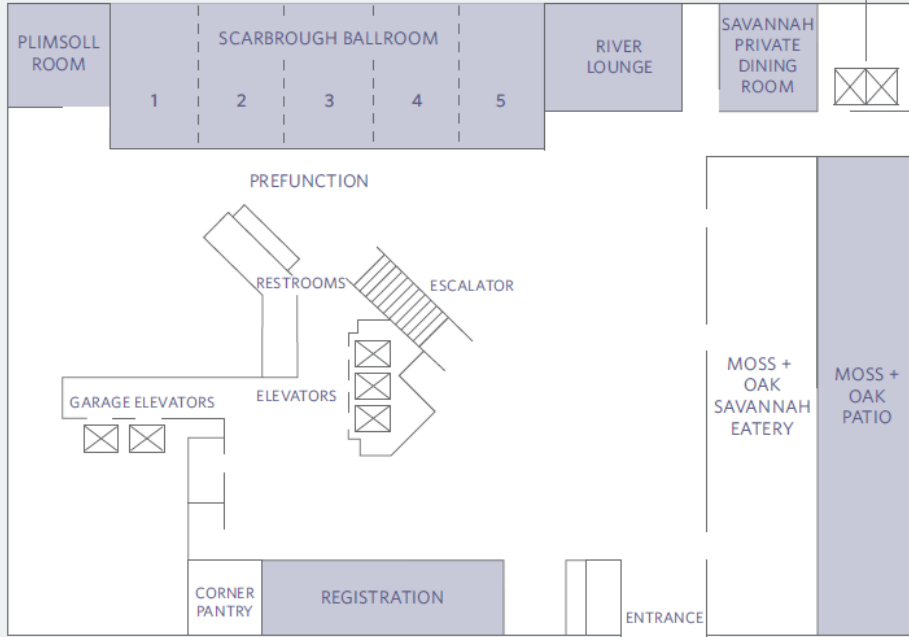
*0.4 CEUs granted for this session. You must register and attend in order to receive CEUs.

◆◆◆◆◆◆◆◆ Administrative Activities ◆◆◆◆◆◆◆◆

ICC Office	ExCom	Registration Office / Portside	
SATURDAY, 6-APRIL-2019 (06.04.2019)			
TIME	ACTIVITY	CHAIRS	ROOM
12:00- 2:00PM	Pre-Con Meeting with Hotel (Bascom, Geene, Maldonado, Frentzas, Arnold, Hiivala, Hotel Staff)	Bascom / Geene	Savannah
2:00-4:00PM	Executive Committee Meeting - Executive Session (Bascom, Geene, Maldonado, Frentzas, Arnold, Hiivala)	Bascom / Geene	Savannah
4:00-5:00PM	Treasurer's Meeting - (Geene, Maldonado, Frentzas, Arnold, Taylor)	Geene	Savannah
SUNDAY, 7-APRIL-2019 (07.04.2019)			
12:00-3:45PM	Administrative Committee Opening Lunch Meeting - (Bascom, Geene, Maldonado, Frentzas, Arnold, Hiivala, B.Taylor,Wen,Richardson, Campbell, Jovanovic, Mueller, G.Taylor, Laudicina, Cherukupalli, Tirinzoni, Gulski, Leufkens, Mosier, Jajack, Merando, Clark, Madden, Giotis, von Herrmann, Carson, Orton, Wald, Thompson, Smith)	Bascom / Geene	Percival / Vernon
4:00-5:00PM	Advisory Committee Meeting - (Madden, Giotis Bascom, Orton, Geene, past ICC Chairs)	Madden / Giotis	Percival / Vernon
MONDAY, 8-APRIL-2019 (08.04.2019)			
7:00-7:45 AM	All Chairs Breakfast Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Bascom / Geene	Harborside East
7:45 AM – 8:00AM	All Chairs Mtg. – Sub A Breakout	Wen / Richardson	Harborside East
	All Chairs Mtg. – Sub B Breakout	Campbell / Jovanovic	Harborside East
	All Chairs Mtg. – Sub C Breakout	Mueller / Frentzas	Harborside East
	All Chairs Mtg. – Sub D Breakout	G.Taylor / Laudicina	Harborside East
	All Chairs Mtg. – Sub F Breakout	Cherukupalli / Tirinzoni	Harborside East
	All Chairs Mtg. – Sub G Breakout	Gulski / Leufkens	Harborside East
TUESDAY, 9-APRIL-2019 (09.04.2019)			
7:00-8:00am	Training: Policies and Procedures for Working Groups (Open to All)	Hiivala	Harborside East
WEDNESDAY, 10-APRIL-2019 (10.04.2019)			
7:00-8:00am	Training: IEEE & the General Data Protection Regulation	Kipness	Harborside East
12:00-2:00 PM	Administrative Committee Wrap-Up Meeting - (Attendees: See Opening Meeting)	Bascom / Geene	Plimsoll



ELEVATORS TO RIVER STREET AND HARBORSIDE BALLROOM



Second Level

WESTBROOK ROOM

FLOOR PLAN Lobby Level

River Street

SAVANNAH

RIVER SIDE

