



## Administrative Activities

SATURDAY, 28-OCTOBER-2017 (26.10.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:00 PM – 2:00 PM	<b>Pre-Con Meeting with Hotel</b> (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Hotel)	Frentzas / Bascom	Nautical Wheeler
2:00 PM – 5:00 PM	<b>ExCom<sup>1</sup> Meeting - Executive Session</b> (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala)	Frentzas / Bascom	Nautical Wheeler
SUNDAY, 29-OCTOBER- 2017 (29.10.2017)			
9:00 AM – 11:00AM	<b>Treasurer's Meeting -</b> (Bascom, Geene, Champion, Arnold)	Bascom	Board Room
12:00 PM – 3:45PM	<b>AdCom<sup>2</sup> Opening Meeting -</b> (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Wen, Richardson, Szyszko, Campbell, Mueller, Martinez, Maldonado, Cherukupalli, Tirinzoni, Petzold, Gulski, Mosier, Jajack, Merando, Clark, Madden, Giotis, von Herrmann, Carson, Orton, Boone, Thompson, Wentzel, Smith)	Frentzas / Bascom	Hemisphere Dancer
4:00 PM – 5:00PM	<b>Advisory Committee Meeting -</b> (Madden, Frentzas, Bascom, Orton, Champion, past ICC Chairs)	Madden / Giotis	Hemisphere Dancer
MONDAY, 30-OCTOBER-2017 (30.10.2017)			
7:00 AM – 7:45 AM	<b>All Chairs Meeting -</b> (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Frentzas / Bascom	Compass Rose East
7:45 AM – 8:00AM	All Chairs Mtg. – Sub A Breakout	Wen / Richardson	Compass Rose East
	All Chairs Mtg. – Sub B Breakout	Szysko / Campbell	Compass Rose East
	All Chairs Mtg. – Sub C Breakout	Mueller / Martinez	Compass Rose East
	All Chairs Mtg. – Sub D Breakout	Maldonado / Vacant	Fins Right
	All Chairs Mtg. – Sub F Breakout	Cherukupalli / Tirinzoni	Fins Left
	All Chairs Mtg. – Sub G Breakout	Petzold / Gulski	Nautical Wheeler
TUESDAY, 31-OCTOBER-2017 (31.10.2017)			
WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017)			
12:00 PM – 2:00 PM	<b>AdCom Wrap-Up Meeting -</b> (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Wen, Richardson, Szyszko, Campbell, Mueller, Martinez, Maldonado, Cherukupalli, Tirinzoni, Petzold, Gulski, Mosier, Jajack, Merando, Clark, Madden, Giotis, von Herrmann, Carson, Orton, Boone, Thompson, Wentzel, Smith)	Frentzas / Bascom	Hemisphere Dancer

Please note that only those meetings listed on this schedule are sponsored or co-sponsored by ICC.

<sup>1</sup> ExCom is the Executive Committee.

<sup>2</sup> AdCom is the Administrative Committee.



## ICC MEETING SCHEDULE

SUNDAY, 29-OCTOBER- 2017 (29.10.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	<b>Registration</b> (On-Site Registration & Registration Package Pickup)	Arnold / B. Taylor	Ballroom Foyer
4:00 – 4:30PM	<b>Insulated Conductors Committee ORIENTATION</b> <b>Are you new? Come and learn about the ICC, meet some new people, and maybe get some ICC SWAG.</b>	Champion	Nautical Wheeler
4:00 – 5:00PM	<b>Social for ICC Women Engineers</b> <b>Network with other women engaged in the engineering profession. Introverts and extroverts – all are welcome!</b>	Mosier / Flenniken	Compass Rose East
4:00 – 5:00PM	<b>International/Diversity Social for ICC Engineers</b> A global gathering for ICC attendees to network with each other and international new comers to learn more about ICC and seek assistance	Jiang / Wen	
12:30 – 5:00PM	<b>Table Top Displays</b>		Ballroom Foyer
5:00 – 7:00PM	<b>RECEPTION – All Attendees</b>		License to Chill Patio

### General Meeting Notes

\* Breakout Working Group (WG) and Discussion Group (DG) meetings are held concurrent with Subcommittee Sessions, in different rooms as noted. Groups ending with a “W” (e.g. D11W) are working groups with a PAR and are working to complete or revise a standard or guide. Groups ending with a “D” (e.g. B17D) are discussion groups, discussing various things related to their title. Attendees are welcome to attend all general session, subcommittee, discussion group, and working group meetings.

### Key – Schedule Color Coding

Color	Event Type	Color	Event Type	Color	Event Type	Color	Event Type
	Administrative Meetings (Officers, Chairs, Vice-Chairs)		Registration		Working /Discussion Group Meetings - Break Outs		Meals / Snacks
	Author / Presenter Presentation Preload Times		Exhibits / Table Top Displays by Vendors		Training Sessions		Meals with Technical Program

### Companion/Spouse Activities/Breakfast

Activities are planned for spouses/companions each day of the conference. Coral Reef is assigned to these activities. This room is also available for impromptu get togethers for those not interested in attending planned off-site events. Please check the brochure available on the website at [http://www.pesicc.org/iccwebsite/meetings/2017Fall/Fall\\_2017.htm](http://www.pesicc.org/iccwebsite/meetings/2017Fall/Fall_2017.htm) or at the registration desk for specific activities and off-site events. Breakfast is included with spouse/companion registration and is held daily (Monday thru Wednesday) in Coral Reef.

### Attendee Breakfast:

A breakfast is provided each meeting day (Monday thru Wednesday morning) for attendees between 7:00AM and 8:00AM Breakfast for this meeting is served in Compass Rose North on Monday and Compass Rose West on Tuesday & Wednesday (see hotel layout map at the end of this document).

### Latest Info:

See the Bulletin Boards in the Registration area for specifics on events or for last minute changes.



# INSULATED CONDUCTORS COMMITTEE

Established 1947

Fall 2017 Meeting, Hollywood, FL

AGENDA – 10-Oct-2017

## ICC MEETING SCHEDULE

### MONDAY, 30-OCTOBER-2017 (30.10.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Compass Rose North	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00AM-8:00AM		<b>All Chairs Meeting</b> - (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	<b>Frentzas / Bascom</b>	Compass Rose East	<b>ICC Meeting, Subcommittee, WG/DG Operational Announcements</b>
7:00AM-8:00AM		<b>Presentation Pre-load and Test</b> All Presenters MUST Pre-load	<b>Richardson</b>	<b>Compass Rose South</b>	<b>Subcommittee presentation loadings on ICC Computer</b>
7:00AM-12:00PM		<b>Registration</b>	<b>Arnold / B. Taylor</b>	<b>Ballroom Foyer</b>	<b>On-Site Registration &amp; Registration Package Pickup</b>
7:30AM-5:30PM		<b>Table Top Displays</b>		<b>Ballroom Foyer</b>	<b>Product/Services Exhibitions</b>
8:00AM-9:00 AM		<b>OPENING SESSION</b> <b>All Attendees</b>	<b>Frentzas / Bascom</b>	Compass Rose West & South	<b>ICC Meeting Announcements, IEEE, PES &amp; ICC Awards</b>
9:15 AM-12:15 PM	<b>A</b>	<b>CABLE CONSTRUCTION &amp; DESIGN</b>	<b>Wen / Richardson</b>	Compass Rose South	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS</b> *(see notes on page 2)					
9:15 AM - 10:15 AM	<b>B19W</b>	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Hemisphere Dancer	Review instructions for preparing PLC cables and changes to Title, Scope, and Purpose
	<b>B05W</b>	Connection of Cables to GIS (1300)	Whiteside / Vacant	Continental Drifter	Discussions, presentations and update on CIGRE WG B1/B3.49 work
	<b>C13D</b>	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Nautical Wheeler	Presentation and work on white paper
	<b>D12D</b>	Nuclear Cable Service Qualified Life Extension	Rasmussen / Zaidi	Fins Right	PAR Development
	<b>G10D</b>	International Organizations	Zenger / Orton	Fins Left	Update on Cigre SCs & B1 Cables. US activities plus WGs. Update on IEC. JTF Cigre/ICC.
10:15 – 10:30 AM	<b>Break</b>	Refreshments / Snacks	Frentzas		
10:30 AM - 12:15 PM	<b>B22W</b>	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404)	Madden / Norris	Compass Rose East	Family of products discussion and ongoing harmonization work
	<b>C05W</b>	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Hemisphere Dancer	Continue working on finalizing P1406 guide document
	<b>C33D</b>	Renewable Energies	Joy / Vacant	Nautical Wheeler	Renewable Energy IEEE 1547 Series of Standards, and Interconnection Issues
	<b>D21W</b>	Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Fins Right	Continue development of standard
	<b>F02W</b>	Guide for Field Testing of Laminated Dielectric, Shielded AC Power Cable Systems Rated 5 kV to 500 kV Using High Voltage Direct Current (HVDC) P400.1	Larzelere / Rickmann	Fins Left	Discussion of Final Draft Pre Ballot



## ICC MEETING SCHEDULE

### MONDAY, 30-OCTOBER-2017 (30.10.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		<b>NETWORKING LUNCHEON</b> <i>(Must Register for This)</i>	Orton / Boone	Compass Rose West	
2:00 PM – 5:30 PM	C	<b>CABLE SYSTEMS</b>	Mueller/Martinez	Compass Rose South	Technical Presentations
<b>BREAKOUT WG/DG MEETINGS</b> <sup>(see notes on page 2)</sup>					
2:00 PM - 3:15 PM	<b>A06D</b>	Accelerated Electrical Aging	Wald / Caronia	Compass Rose North	Crow AMSAA, Ageing under DC
	<b>A15W</b>	Guide for Selection and Design of Aluminum Sheaths for Power Cables IEEE 635	Bartolucci / Vacant	Compass Rose East	Discuss moving forward from the last draft of 635/D2
	<b>B24W</b>	495 Faulted Circuit Indicators – IEEE 495	Weaver / Reed-Harmel	Hemisphere Dancer	Review PAR and timeline for completing improvements to standard
	<b>D08W</b>	IEEE 634, Cable Penetration Fire Test	G. Taylor / Stansberry	Nautical Wheeler	Standard Development
	<b>F04W</b>	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Fins Right	Prepare latest draft for ballot
3:15-3:30PM	<b>Break</b>	Refreshments / Snacks	Frentzas		
3:30 PM – 5:30 PM	<b>A07W</b>	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Joseph	Compass Rose North	Review, Discuss and Agree on Working Group edits to the IEEE guide P532
	<b>A10D</b>	Conductors	Joy / Liu	Compass Rose East	Discussion on cable and conductor improvements
	<b>B16W</b>	Separable Insulated Connectors (386)	Hughes / Vacant	Hemisphere Dancer	Discuss failure rate requirements for switching & fault-closure and discuss continuous current ratings above 90C
	<b>B17W</b>	Guide for Faulted Circuit Indicators (1610)	Angerer / Reed-Harmel	Nautical Wheeler	Review Balloting of P1610 and 495 DG meeting for renewal of IEEE495-2007
	<b>D05W</b>	Station Cable Installation Criteria (1185)	Merando / Bloethe	Fins Right	Detailed review of revised draft of P1185.
	<b>F12W</b>	Guide for Fault Locating on Shielded Power Cables (1234)	Mosier / von Herrmann	Fins Left	Final review of the document to resolve remaining open items. This is the last meeting before we go to ballot.



## ICC MEETING SCHEDULE

### TUESDAY, 31-OCTOBER-2017 (31.10.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Compass Rose West	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00 AM – 8:00 AM		<b>Presentation Pre-load and Test</b> All Presenters MUST Pre-load	<b>Richardson</b>	<b>Compass Rose South</b>	<b>Subcommittee presentation loadings on ICC Computer</b>
7:00 AM - 11:00 AM		<b>Registration</b>	<b>Arnold / B. Taylor</b>	<b>Ballroom Foyer</b>	<b>On-Site Registration</b>
7:30 AM - 5:30 PM		<b>Table Top Displays</b>		<b>Ballroom Foyer</b>	<b>Product/Services Exhibitions</b>
8:00 AM - 12:00 PM	<b>F</b>	<b>FIELD TESTING AND DIAGNOSTICS</b>	<b>Cherukupalli / Tirinzoni</b>	<b>Compass Rose South</b>	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS<sup>(see notes on page 2)</sup></b>					
8:00 AM - 10:00 AM	<b>A16D</b>	Characteristics of EPR Cables	Fleming / Vacant	Compass Rose North	Presentations and Discussions
	<b>B10W</b>	Guide for Cable Terminations (1637)	B. Taylor / Gupta	Compass Rose East	Review Guide before going to ballot
	<b>B23W</b>	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Castro	Hemisphere Dancer	Meeting of a Discussion Group on Transmission IEEE 48 and 404 documents for Terminations and Joints
	<b>C34W</b>	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Nautical Wheeler	Further development of Guide for Manhole Explosions
8:00 AM – 9:00 AM	<b>D15W</b>	Flame Propagation Testing (1202)	Stansberry / Hills	Fins Right	PAR development
8:00 AM – 9:00 AM	<b>D17W</b>	Fire-Rated Circuit Integrity Cables for Hydrocarbon Fires (1717)	Maldonado / Schmidt	Fins Left	Initiate Revision / Harmonize with IEC
10– 10:15AM	<b>Break</b>	<b>Refreshments / Snacks</b>	<b>Frentzas</b>		
10:15 AM- 12:15 PM	<b>B01W</b>	Cable Termination Standard (48)	B. Taylor / Norris	Compass Rose North	Continue to Review Standard before going to ballot
	<b>C30W</b>	Life Extension of Power Cables in the Field (1879)	Joy / Klyweg	Compass Rose East	Trial-Use Guide for Injecting Cables in the Field
	<b>C40D</b>	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / Vacant	Hemisphere Dancer	presentations plus continued discussion on converting pipe cables to XLPE
10:15 AM - 11:15 AM	<b>D06W</b>	IEEE Guide for Installation Fiber-Optic Cables (1428)	Cunningham / Vacant	Nautical Wheeler	PAR Development
11:15 AM - 12:15 PM	<b>D20W</b>	Guide for Nuclear Cables (P2776)	Fleming / Khondker	Fins Right	Initiate standard development



## ICC MEETING SCHEDULE

### TUESDAY, 31-OCTOBER-2017 (31.10.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00 PM	<b>G</b>	<b>TRANSNATIONAL LUNCHEON</b> <i>(Must Register for This)</i>	<b>Petzold / Gulski</b>	<b>Compass Rose West</b>	<b>International Meetings Announcements and Technical Presentations</b>
2:00 PM - 4:30 PM	<b>D</b>	<b>GENERATING STATION AND INDUSTRIAL CABLES</b>	<b>Maldonado / Taylor</b>	<b>Compass Rose South</b>	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS</b> <sup>(see notes on page 2)</sup>					
2:00 PM - 3:15 PM	<b>A08W</b>	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	McAuliffe / Elliott	<b>Compass Rose North</b>	Continue work on revision of standard 1210
	<b>B06W</b>	Guide for Connecting Surge Arresters to Protect Shielded Cable Systems (C62.22.1)	Makal / Lanz	<b>Compass Rose East</b>	Final edits to Guide
	<b>B12W</b>	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (1511 & 1511.1)	Bader / Ayres	<b>Hemisphere Dancer</b>	Briefly review outline for proposed content and discuss organization and layout of proposed guide.
	<b>C01W</b>	Ampacity Topics (IEEE 835)	Purnhagen / Goyette	<b>Nautical Wheeler</b>	Discuss ampacity problems/solutions, update to ampacity tables
	<b>C38D</b>	HVDC Cable Systems	Busby / Hobson	<b>Fins Right</b>	Presentation & Discussions on HVDC cable systems
3:15-3:30PM	<b>Break</b>	Refreshments / Snacks	Frentzas		
3:30 PM - 5:30 PM	<b>A19D</b>	Covered Conductors	T. Campbell / Nuckles	<b>Compass Rose North</b>	Continue discussion on topics for proposed covered conductor guide.
	<b>B09W</b>	Guide for Cable Cleaning Solvents (1493)	Lauxman / Fosse	<b>Compass Rose East</b>	Continue to revise IEEE guide 1493
	<b>C31D</b>	HPFF/HPGF Pipe Type Cable Systems	Mueller / Koonce	<b>Hemisphere Dancer</b>	Presentation & Discussions on HPFF cable systems
	<b>C39D</b>	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	<b>Nautical Wheeler</b>	Presentations and open discussion
	<b>F07W</b>	Guide on Neutral Corrosion in MV Underground Cables (1617)	Buchholz / von Herrmann	<b>Fins Right</b>	Reviewing proposed revisions by the writing group to Std 1617
4:30 PM – 5:30 PM	<b>D23D</b>	Cable Guide for Transit Infrastructure	Shoshani / Bayer	<b>Compass Rose South</b>	PAR Development



## ICC MEETING SCHEDULE

### WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Compass Rose West	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00 AM – 8:00 AM		<b>Presentation Pre-load and Test</b> All Presenters MUST Pre-load	<b>Richardson</b>	<b>Compass Rose South</b>	Subcommittee Presentation Loadings on ICC Computer
7:30 AM - 1:00 PM		<b>Table Top Displays</b>			
8:00 AM - 12:00 PM	<b>B</b>	<b>CABLE ACCESSORIES</b>	<b>Szysko / Campbell</b>	<b>Compass Rose South</b>	
<b>BREAKOUT WG/DG MEETINGS</b> <sup>(see notes on page 2)</sup>					
8:00 AM - 10:00 AM	<b>A11W</b>	Guide for the Selection, Testing, Application and Installation of Cables Having Radial Moisture Barriers and/or Longitudinal Water Blocking IEEE 1142	Bow / Bayer	Compass Rose North	initial meeting will seek input on the PAR and Scope for the revision of 1142 Guide on Moisture Barrier Cables
	<b>A20D</b>	Low Voltage Cable Systems Rated ≤ 600V	Brigandi / Hawig	Compass Rose East	Presentation and General Discussions
	<b>C29W</b>	Induced Voltage Work Procedures (1727)	Uddin / Wong	Hemisphere Dancer	Guide Q & Presentation - Practical analysis of induced voltages and currents on parallel circuits
	<b>C37D</b>	Submarine Cables	Orton / Campilii	Nautical Wheeler	Discussion on submarine & offshore cables
	<b>D07W</b>	Evaluation of Cables For Class 1E Circuits In Nuclear Generating Stations (1186)	Watson / Mantey	Fins Right	Develop Standard
	<b>F11W</b>	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Fins Left	Discussion of content of first draft
10 – 10:15 AM	<b>Break</b>	Refreshments / Snacks	Frentzas		
10:15 AM - 12:00 PM	<b>A13W</b>	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water Tanks (1407)	Walton / Wald	Compass Rose North	Continue work on revision of IEEE 1407
	<b>A14D</b>	Power Cable Standards	Smalley / B. Richardson	Compass Rose East	Updates from IEC, ICEA, and AEIC.
	<b>C11W</b>	Submarine Cables (1120)	Orton / Campilii	Continental Drifter	Revision of IEEE Standard 1120 on Submarine Cables
	<b>C36D</b>	Real Time and Dynamic Current Rating	Grodzinski / Vacant	Nautical Wheeler	Discussion of the latest version of the future guide
	<b>D22W</b>	Cables Systems for Hazardous Locations on Land Drilling Rigs(P2470)	Laudicina / Bayer	Fins Right	Continue development of standard.
	<b>F06W</b>	Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)- IEEE P400.5	Larzelere / Rickmann	Fins Left	Discussion of First Official Draft



## ICC MEETING SCHEDULE

### WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:00 PM - 1:00 PM		EDUCATIONAL LUNCHEON <i>(Must Register for This)</i>		Compass Rose West	
1:00 PM - 5:00 PM		EDUCATIONAL PROGRAM <sup>1</sup>	Mosier / Jajack	Compass Rose South	This session will offer a primer on the latest ICC Standards and Guides from each subcommittee
3:00 PM – 3:15 PM	Break	Refreshments / Snacks	Frentzas		

### NOTES:

<sup>1</sup>-0.4 CEUs granted for this session. You must register and attend in order to receive CEUs. To receive these credits towards a Florida PE License, you MUST provide Thomas Arnold with your FL PE License number prior to the session.



The Insulated Conductors Committee (ICC) utilizes an application called guidebook® that allows you mobile access to the meeting agenda!

You are encouraged to download the mobile guide with the complete ICC Fall 2017 Schedule to enhance your experience at the meeting. You'll be able to plan your day with a personalized schedule (including reminders), browse exhibitors, floor maps, and general info. The app is compatible with iPhones, iPads, iPod Touches and Android devices. Get our guide here: [ICC Fall 2017 Guidebook](#). Android and iOS users:

1. Tap the "Download" button to download the free Guidebook app
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### Meetings & Events Floor Plan

