



Welcome to Savannah, Georgia – SCHEDULE OF EVENTS

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.

Companion/Spouse Activities/Breakfast

Activities are planned for spouses / companions each day of the conference. River Lounge is assigned to these activities, and this room is also available for impromptu get-togethers for those not interested in attending planned off-site events. Please check 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 River Lounge.

Attendee Breakfast:

A breakfast is provided each meeting day (Monday through Wednesday morning) for attendees between 7:00AM and 8:00AM Breakfast for this meeting is served in Scarbrough Ballroom and Foyer.

Latest Info: Administrative activities are on the last page of the schedule. See the Bulletin Boards in the Registration area for specifics on events or for last minute changes, or check the [guidebook](#) smart phone application.



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

SUNDAY, 7-APRIL- 2010 (07.04.2019)			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	Arnold / B. Taylor	Registration Booth
4:00 – 4:30PM	Insulated Conductors Committee ORIENTATION Are you new? Come and learn about the ICC, meet some new people, and maybe get some ICC SWAG.	Frentzas	Sloane
4:00 – 5:00PM	Social for ICC Women Engineers Network with other women engaged in the engineering profession. Introverts and extroverts – all are welcome!	Mosier / Flenniken	Primsoll
4:00 – 5:00PM	International/Diversity Social for ICC Engineers A global gathering for ICC attendees to network with each other and international new comers to learn more about ICC and seek assistance	Zhou / Wen	
12:30 – 5:00PM	Table Top Displays		Scarbrough 12345
5:00 – 7:00PM	RECEPTION – All Attendees		Harborside

Key – Schedule Color Coding							
Color	Event Type	Color	Event Type	Color	Event Type	Color	Event Type
Light Blue	Administrative Meetings (Officers, Chairs, Vice-Chairs)	Yellow	Registration	Light Green	Working /Discussion Group Meetings - Break Outs	Light Blue	Meals / Snacks
Light Blue	Author / Presenter Presentation Preload Times	Light Green	Exhibits / Table Top Displays by Vendors	Yellow	Training Sessions	Orange	Lunch Event (Registration Required)



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2019 Meeting – Savannah, Georgia

DRAFT AGENDA 7-February-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 B-C	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	B23W	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Castro	Regency Ballroom B-C	Meeting of a Discussion Group on Transmission IEEE 48 and 404 documents for Terminations and Joints	
	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	Westbrook	To start review of the document and discuss what to add	
	F12W	Guide for Fault Locating on Shielded Power Cables (1234)	Mosier / von Hermann	Trustees Hall	Discuss any negative ballots from the recirculation	
	C39D	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	Sloane	Presentations and open discussion	
	D08W	IEEE 634, Cable Penetration Fire Test	G. Taylor / Stansberry	Primsoll	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	Westbrook	Review revised Guide 1493 for REVCOM submittal	
	C03D	Magnetic Fields of Underground Cables		Trustees Hall	Presentations and discussions on magnetic fields	
	10:30am	AdHoc (F)	Cond. Monitoring / Test of HPFF & SCFF Cable Systems	TBD / TBD	Sloane	Discuss testing and diagnostics on fluid-filled power cables.
	11:20am		Infrared Detection Systems	TBD / TBD		
	D21W		Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Primsoll	Prepare standard for ballot



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

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	Westbrook	IEEE 1547 Standards, and Interconnect Issues
	B21D	Application Guide for Cable Joints	Campbell / McGovern	Trustees Hall	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	Primsoll	Continue standard revision
3:15-3:30PM	Break	Refreshments / Snacks	Bascom	Scarborough 12345	<i>Registered ICC Meeting Attendees (Only)</i>
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
	A20D	Low Voltage Cable Systems Rated ≤ 600V	Brigandi / LaBlane	Regency Ballroom D-E-F	Presentations (incl. "Cables for Class 1, Div. 1 Locations – Past, Present, Future")
	B12W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (1511 & 1511.1)	Bader / Ayres	Westbrook	Briefly review outline for proposed content and discuss organization and layout of proposed guide.
	C34W	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Trustees Hall	Further development of Guide for Manhole Expl
	C31D:3:30-4:30pm	HPFF/HPGF Pipe Type Cable Systems	Mueller / Owen	Sloane	Presentation & Discussions on HPFF cable systems
	C23: 4:30-5:30pm	Overhead / Underground Transition Structures	T.B.D. / T.B.D.		Select chair/vice-chair, review current document
	D20W	Guide for Nuclear Cables (P2776)	Fleming / Khondker	Primsoll	Continue Revision of Standard



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ICC MEETING SCHEDULE

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 Session Breakfast: TBD (Open to all)	TBD	Harborside East	TBD
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	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
	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404) Session 2 of 2	Madden / Norris	Regency Ballroom D-E-F	Family of products discussion and ongoing harmonization work (Session 2 of 2)
	B24W	495 Faulted Circuit Indicators – IEEE 495	Weaver / Reed-Harmel	Westbrook	Review what was sent to ballot and comments
				Trustees Hall	
	D05W	Station Cable Installation Criteria (1185)	Merando / Bloethe	Sloane	Review ballot comments
	D15W	Flame Propagation Testing (1202)	Stansberry / Hills	Primsoll	Continue Revision of Standard
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	Westbrook	Reach consensus on title, scope and other groundwork for PAR
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Trustees Hall	Prepare latest draft for ballot
	D22W	Cables Systems for Hazardous Locations on Land Drilling Rigs(P2470)	Laudicina / Bayer	Sloane	Continue development of standard.
	D12D	Nuclear Cable Service Qualified Life Extension	Spear / Zaidi	Primsoll	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
	F03W	IEEE 400.2	Hampton / Morris	Westbrook	
	C11W	Submarine Cables (1120)	Orton / Dodeman	Trustees Hall	Revision of IEEE Standard 1120 on Submarine Cables
	F11W	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Sloane	Discussion of content of first draft
	D23D	Cable Guide for Transit Infrastructure	Shoshani / Bayer	Primsoll	PAR Development
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
	C30W	Trial Use Guide for Extending the Life of Power Cables in the Field	Joy / Klyweg	Regency Ballroom D-E-F	The group voted in Spring 2018 to let the PAR expire but will meet to discuss a CEATI guide on the topic.
	F01W	Rev. IEEE 400	Wen / Hampton	Westbrook	Initial meeting to reactivate and understand the required updates
	C37D	Submarine Cables	Orton / Alvarez	Trustees Hall	Discussion on submarine & offshore cables
	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	Primsoll	Continue developing recommended practice



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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 Session Breakfast: XXXXXXXXXXXX (Open to All)	TBD	Harborside East	TBD
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 (4:15-5:30pm) 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	Westbrook	Discussions, presentations and update on CIGRE WG B1/B3.49 work
	B19W	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Trustees Hall	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	Primsoll	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	A05W	Properties of Indentifiable Jackets (IEEE Std. P-1235)	Guo / Raut	Regency Ballroom B-C	Begin work to develop a PAR for the revision of the standard.
	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
	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	IThe A11W meeting will continue its activities to revise the 1142 Guide on Water Blocked Cable.
	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404) Session 1 of 2	Madden / Norris	Trustees Hall	Family of products discussion and ongoing harmonization work (Session 1 of 2)
	C40D	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / McGovern	Sloane	Presentations plus continued discussion on converting pipe cables to XLPE
	C29W	Induced Voltage Work Procedures (1727)	Uddin / Wong	Primsoll	Guide Schedule Update, . B1.44 Presentation from CIGRE Fall Meeting - M. Cabau



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ICC MEETING SCHEDULE

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 Buring 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 re 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		

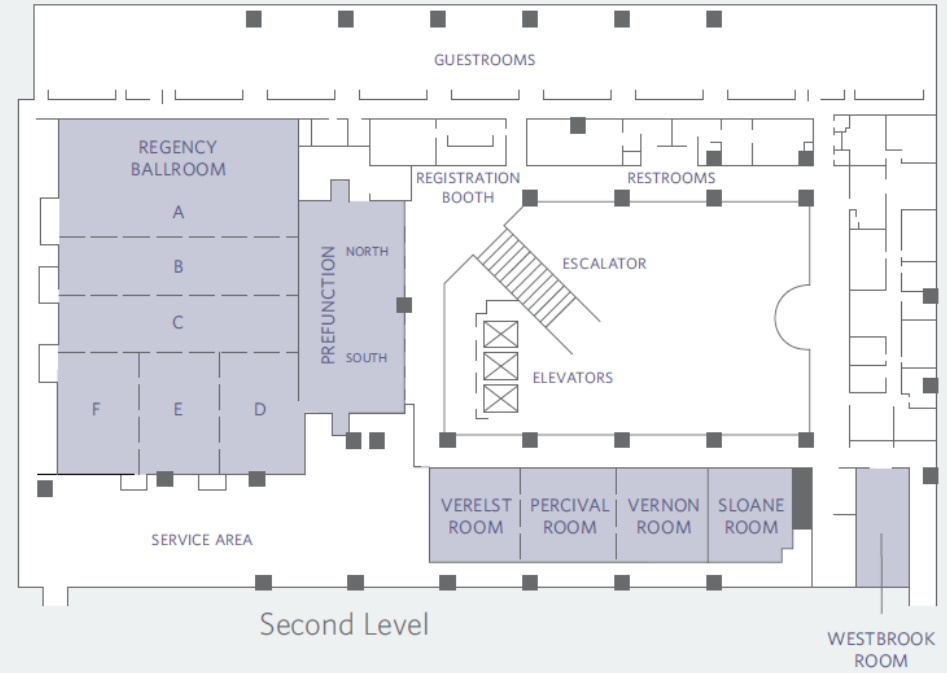
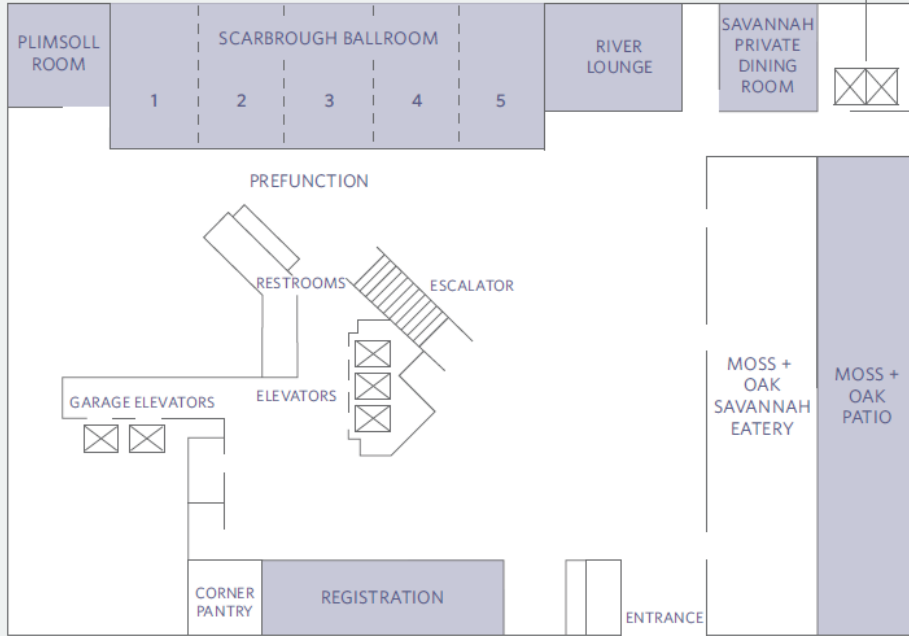
*0.4 CEUs granted for this session. You must register and attend in order to receive CEUs.

◆◆◆◆◆◆◆◆ 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	TBD	TBD	Harborside East
WEDNESDAY, 10-APRIL-2019 (10.04.2019)			
7:00-8:00am	TBD	TBD	Harborside East
12:00-2:00 PM	Administrative Committee Wrap-Up Meeting - (Attendees: See Opening Meeting)	Bascom / Geene	Savannah



ELEVATORS TO RIVER STREET AND HARBORSIDE BALLROOM



FLOOR PLAN Lobby Level

Second Level

River Street

SAVANNAH

RIVER SIDE

