



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2013 Meeting, Pittsburgh, Pennsylvania

FINAL AGENDA

Administrative Activities

SATURDAY, APRIL 27, 2013

TIME	ACTIVITY	CHAIRS	ROOM
12:00 - 2:00 PM	Pre-Con Meeting with Hotel (Smith, Mosier, Champion, Frentzas, Arnold, Hiivala, Fenger, Hotel)	Smith/Champion	STOOPS FERRY (2 nd Floor)
2:00 - 5:00 PM	ExCom¹ Meeting - Executive Session (Smith, Mosier, Champion, Frentzas, Arnold, Hiivala, and Fenger)	Smith/Champion	EXECUTIVE BOARDROOM (2 nd Floor)

SUNDAY, APRIL 28, 2013

9:00 – 11:00AM	Treasurer's Meeting (Mosier, Champion, Arnold)	Champion	EXECUTIVE BOARDROOM (2 nd Floor)
12:00 - 3:45PM	AdCom² Opening Meeting (Smith, Mosier, Champion, Arnold, Hiivala, Fenger, Kong, Walton, Bader, Szyszko, Geene, Frentzas, Konnik, Maldonado, Hampton, Côté, Boone, Smalley, Petzold, Mendelsohn, Tirinzoni, Merando, von Herrmann, Orton)	Smith/Champion	POINTVIEW (2 ND Floor)
4:00 – 5:00PM	Advisory Committee Meeting (Boone, Smalley, Smith, Champion, Frentzas, Boone, Gear, Orton, past ICC Chairs)	Boone/Smalley	EXECUTIVE BOARDROOM (2 nd Floor)

MONDAY, APRIL 29, 2013

7:00 – 7:45AM	All Chairs Meeting (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Smith/Champion	WATERFRONT ROOM (1 st Floor)
7:45 – 8:00AM	All Chairs Mtg. – Sub A Breakout	Kong/Walton	WATERFRONT ROOM (1 st Floor)
	All Chairs Mtg. – Sub B Breakout	Bader/Szyszko	WATERFRONT ROOM (1 st Floor)
	All Chairs Mtg. – Sub C Breakout	Geene/Frentzas	WATERFRONT ROOM (1 st Floor)
	All Chairs Mtg. – Sub D Breakout	Konnik/Maldonado	WATERFRONT ROOM (1 st Floor)
	All Chairs Mtg. – Sub F Breakout	Hampton/Côté	WATERFRONT ROOM (1 st Floor)
	All Chairs Mtg. – Sub G Breakout	Boone/Petzold	WATERFRONT ROOM (1 st Floor)

WEDNESDAY, MAY 1, 2013

12:00 – 2:00 PM	AdCom Wrap-Up Meeting (Smith, Mosier, Champion, Arnold, Hiivala, Fenger, Kong, Walton, Bader, Szyszko, Geene, Frentzas, Konnik, Maldonado, Hampton, Côté, Boone, Smalley, Petzold, Mendelsohn, Tirinzoni, Merando, von Herrmann, Orton, Smalley)	Smith/Champion	WATERFRONT ROOM (1 st Floor)
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¹ ExCom is the Executive Committee.

² AdCom is the Administrative Committee.



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Spring 2013 Meeting, Pittsburgh, Pennsylvania
ICC MEETING SCHEDULE

FINAL AGENDA

SUNDAY, APRIL 28, 2013			
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	Arnold/B. Taylor	LOBBY
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.	R. Mosier	HASELTON (2 ND Floor)
12:30 – 5:00PM	Table Top Displays		REFLECTIONS (1 ST Floor)
5:00 – 7:00PM	RECEPTION – All Attendees		REFLECTIONS/ADMIRAL

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



INSULATED CONDUCTORS COMMITTEE

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Spring 2013 Meeting, Pittsburgh, Pennsylvania ICC MEETING SCHEDULE

FINAL AGENDA

MONDAY, APRIL 29, 2013 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 12:00 PM		Registration	Arnold	GRAND STATION 3 FOYER	On-Site Registration & Registration Package Pickup
7:00 AM - 8:00 AM		All Chairs Meeting (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Smith/Champion	WATERFRONT	ICC Meeting & Subcommittee, WG/DG Operational Announcements
7:00 AM - 8:15 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	GRAND STATION 1 & 2	Subcommittee presentation loadings on ICC Computer
7:30 AM - 5:30 PM		Table Top Displays		REFLECTIONS	Product/Services Exhibitions
8:15 AM - 9:00 AM		OPENING SESSION All Attendees	Smith/Champion	GRAND STATION 1 & 2	ICC Meeting Announcements, IEEE, PES & ICC Awards
9:15 AM - 12:30 PM	F	FIELD TESTING AND DIAGNOSTICS	Hampton/Côté	GRAND STATION 1 & 2	Technical Presentations
BREAKOUT WG/DG MEETINGS¹					
9:15 AM - 10:15 AM	A06D	Accelerated Electrical Aging	Wald/Caronia	FOUNTAINVIEW	Presentations on factors influencing accelerated aging and cable life
	C13D	Installation of Cables Using Trenchless Techniques	Williams/Goyette	ELLWOOD	
	C33D	Renewable Energies	Joy/Patel	HASELTON	Renewable energy discussion on Utility Procedures for Cable connection laws.
	D19W	Standard Test Procedure for Determining Circuit Integrity Performance of Fire Resistive Cables in Nuclear Facilities	G.Taylor/Shoshani	POINTVIEW	Review draft standard and assign sections of standard to committee members.
10:30 AM - 12:30 PM	A07D	Selecting/Testing Jackets for Underground Cables	Caronia/Joseph	FOUNTAINVIEW	Discussion on jacket function table and presentation on worker PPE
	B05W	IEEE 1300 Connection of Cables to GIS (P1300)	Frentzas/Whiteside	ELLWOOD	Discussions and update on current CIGRE work
	C11D	Submarine Cables	Orton/Campilli	HASELTON	Presentations on submarine cable projects, fault location techniques on long cables and offshore wind farms.
	D15W	Flame Propagation Testing (IEEE 1202)	Hills/G.Taylor	POINTVIEW	Review new PAR prior to submittal.

¹ Breakout Working Group (WG) and Discussion Group (DG) meetings are held concurrent with General Sessions, in different rooms as noted. Please note that groups ending with a "W" (e.g., B06W and D11W) are working groups, which means they have an active PAR and are working to complete 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, discussion group, and working group meetings.



INSULATED CONDUCTORS COMMITTEE

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Spring 2013 Meeting, Pittsburgh, Pennsylvania ICC MEETING SCHEDULE

FINAL AGENDA

MONDAY, APRIL 29, 2013 - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCHEON <i>(Must Register for This)</i>	Orton/Champion	WATERFRONT	Individual Professional Networking; Invitational Presentations
2:00 PM - 5:30 PM	A	CABLE CONSTRUCTION & DESIGN	Kong/Walton	GRAND STATION 1 & 2	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	B03D	IEEE 592 Exposed Semi-Con Test	Richardson/Kamel	FOUNTAINVIEW	Continuation of the discussion to revise the IEEE-592 standard
	B06W	Connection of Surge Arresters to Protect Insulated Shielded Cable Systems (P1299)	Jibril/Makal	ELLWOOD	A plan has been submitted to IEEE Liaison for balloting P1299 (IEEE C62.22.1). Meeting topic will depend on results.
	C35D	Sheath Bonding Multi-Conductor/Parallel Circuits	Chaaban/Grodzinski	HASELTON	
	D03W	Select/Specify Petro-Chem Cables (P1242)	Maldonado/Bow	POINTVIEW	Revision of standard continues.
3:30 PM - 5:30 PM	B16W	IEEE 386 Separable Connector Standard	Wall/Wentzel	FOUNTAINVIEW	Review the latest revision draft of IEEE 386
	C25W	Soil Thermal Resistivity	Patel/Cherukupalli	ELLWOOD	Update Working Standard
	C34D	Mitigating Manhole Explosions	Black/Côté	HASELTON	Two presentations on Manhole explosions and discussions on the content of a White paper.
	D10W	Class 1E Nuclear Plant Cables (IEEE 383)	Konnik/Gwal	POINTVIEW	Review action items from last meeting and latest draft of IEEE 383.

General Meeting Notes – Monday, 4/29/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM: Room: **GRAND STATION 5**
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM: Room: **GRAND STATION 4**
- 3-ICC Attendee Breakfast, 7:00 – 8:00AM: **REFLECTIONS**
- 4- Breaks 10:15 – 10:45 AM, 3:15 – 3:45PM: **REFLECTIONS**
- 5-See Bulletin Boards at Registration Area for Specifics



INSULATED CONDUCTORS COMMITTEE

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Spring 2013 Meeting, Pittsburgh, Pennsylvania ICC MEETING SCHEDULE

FINAL AGENDA

TUESDAY, APRIL 30, 2013 - AM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 11:00 AM		Registration	Arnold	GRAND STATION 3 FOYER	On-Site Registration
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	GRAND STATION 1 & 2	Subcommittee presentation loadings on ICC Computer
7:30 AM - 5:30 PM		Table Top Displays		REFLECTIONS	Product/Services Exhibitions
8:00 AM – 12:00 PM	B	CABLE ACCESSORIES	Bader/Szyszk	GRAND STATION 1 & 2	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00 AM - 10:00 AM	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (P1406)	Purnhagen/Johnson	FOUNTAINVIEW	Review draft of STD P1406
	D04D & Ad Hoc	Smoke, Toxicity and Corrosive Products of Cable Combustion & IEEE Standard For Measuring Smoke/Toxicity from Combustion Of Electrical Cables	Durland/Vacant & Laudicina/Vacant	ELLWOOD	Update Compendium YTD/relevant topics discussion. Discuss Okonite test results.
	D20D	Submergence Testing of Nuclear Facilities Cables	Depriest/Fleming	HASELTON	Development of White Paper
	F04W	Partial Discharge Testing in the Field (P400.3)	Levine/Walton	POINTVIEW	Continue technical discussions
	G10D	International Organizations	Zenger/Orton	WOODLAWN 1	CIGRE SC B1 Update; US activities, new HTSC brochure, IEC HV/EHV submarine/HVDC cables
10:15 AM - 12:00 PM	A19D	Covered Conductors	Campbell/Nuckles	FOUNTAINVIEW	Guide topics for covered conductor systems
	C01D	Ampacity Topics	Purnhagen/Goyette	ELLWOOD	IEEE 835 Reaffirmation Update/ presentations TBD
	C30W	Life Extension of Power Cables in the Field	Bernstein/Piteo	HASELTON	Review Draft; emphasis on Sect ions 6, 7 & 9.
	C31D	HPFF/HPGF Pipe Type Cable Systems	Frentzas/Mueller	POINTVIEW	Technical presentations/discussions on HPFF & HPGF cable systems
	D/ AdHoc	IEEE Guide For Fire Protection Cables For Transit Subway, Tunnels and Stations	Conrad/Vacant	WOODLAWN 1	Discuss developing circuit integrity fire resistive test for cables exposed to fire in tunnels.

General Meeting Notes – Tuesday, 4/30/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: **GRAND STATION 5**
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: **GRAND STATION 4**
- 3-Attendee Breakfast, 7:00 – 8:00AM: **REFLECTIONS**
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM: **REFLECTIONS**
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Spring 2013 Meeting, Pittsburgh, Pennsylvania ICC MEETING SCHEDULE

FINAL AGENDA

TUESDAY, APRIL 30, 2013 - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00PM	G	TRANSNATIONAL LUNCHEON <i>(Must Register for This)</i>	Boone/Petzold	ADMIRAL	International Meetings Announcements and Technical Presentations
2:00 PM - 5:30 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Konnik/Maldonado	GRAND STATION 1 & 2	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	A20D	Low Voltage Cable Systems Rated \leq 600V	Wen/Flenniken	FOUNTAINVIEW	Presentations/discussions on topics related to LV cable systems rated up to 600 V within A20D scope.
	B21D	Application Guide for Cable Joints (new)	McLaughlin/Campbell	ELLWOOD	
	B08W	Standards for Copper and Aluminum Insulated Cable Connectors	Walker/Cox	HASELTON	
	B19W	Cable Prep Techniques for Installing Accessories (P1816)	Crotty/Smalley	POINTVIEW	Update group on P1816 progress; determine WG status, reverts to DG and new Chair and Vice-Chair?
	F11D	Constant Voltage AC Field Testing of Cable Systems	Fenger/Denmon	WOODLAWN 1	Discuss general agenda for next 4 meetings; presentations on AC withstand testing; discussion of existing standards; confirmation of group's scope.
3:30 PM - 5:30 PM	A14D	Power Cable Standards	Smalley/Richardson	FOUNTAINVIEW	AEIC and ICEA updates; discuss historical topics.
	B02W	IEEE 404 Cable Joint Standard (P404)	Madden/Jovanovic	ELLWOOD	Continue discussion of connector requirements, family of joint definitions, and other topics
	B17W	Guide for Faulted Circuit Indicators	Angerer/Reed-Harmel	HASELTON	Continuing to work on P1610 document.
	C29W	Induced Voltage Work Procedures (P1727)	Kong/Argaut	POINTVIEW	Completion of P1727
	C36D	Real-Time Dynamic Current Rating	Grodzinski/Chaaban	WOODLAWN 1	
5:30 PM – 7:30 PM		Power System Instrumentation & Measurements: Subcommittee on HVTT	Bill Larzelere	FOUNTAINVIEW	Latest Revisions Implications of IEEE Standard #4 High Voltage Test Techniques-Practical Implications

General Meeting Notes – Tuesday, 4/30/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: **GRAND STATION 5**
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30 AM – 5:30PM, Room: **GRAND STATION 4**
- 3-Attendee Breakfast, 7:00 – 8:00AM: **REFLECTIONS**
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM: **REFLECTIONS**
- 5-See Bulletin Boards at Registration Area for Specifics



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Spring 2013 Meeting, Pittsburgh, Pennsylvania ICC MEETING SCHEDULE

FINAL AGENDA

WEDNESDAY, MAY 1, 2013 - AM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM	Presentation Pre-load and Test – All Presenters MUST Pre-load		T. Richardson	GRAND STATION 1 & 2	Subcommittee Presentation Loadings on ICC Computer
8:00 AM - 12:00 PM	C	CABLE SYSTEMS	Geene/Frentzas	GRAND STATION 1 & 2	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00AM – 10:00AM	A10D	Conductors	Joy/Luke	POINTVIEW	
	A16D	Characteristics of EPR Cables	Hayes/Fleming	ELLWOOD	Presentation on “Failure Mechanism in EPR’s”
	B10D	Guide for Cable Terminations (P1637)	Taylor/Jibril	WOODLAWN 1	We will be reviewing submissions for different sections of the guide
	D05W	Guide for Installation Methods for Generating Station Cables (1185)	Merando/Graham	HASELTON 1	Development of “White Paper” on Cable Bend Radius.
	F10D	Diagnostic Testing for Cable Joints & Terminations	Jiang/Hayden	FOUNTAINVIEW	Presentations of Diagnostic Testing of Cable Accessories
10:15 AM - 12:00 PM	A08W	Compatibility of Cable Jackets and Pulling Compounds	McAuliffe/Vacant	HASELTON 2	Continue Update of IEEE 1210
	D18W	IEEE Guide for Installation of Fire-Rated Circuit Integrity Cables in Petroleum and Chemical Industries (P1810)	Shoshani/Bayer	POINTVIEW	Develop the cable glands and grounding sections.
	F05W	Damped AC Voltage Testing (P400.4)	Gulski/Patterson	ELLWOOD	Discussions of draft document
12:00 PM - 1:00 PM	EDUCATIONAL LUNCHEON (<i>Must Register for This</i>)			ADMIRAL	Buffet Lunch prior to Education Program
1:00 PM - 5:00 PM	EDUCATIONAL PROGRAM ¹		Mendelsohn/ Tirinzoni	GRAND STATION 1 & 2	Fault Locating Techniques and Challenges for Distribution and Transmission Circuits

General Meeting Notes – Wednesday, 5/1/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: **GRAND STATION 5**
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: **GRAND STATION 4**
- 3-Attendee Breakfast, 7:00 – 8:00AM: **REFLECTIONS**
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 2:45 – 3:15PM: **REFLECTIONS**
- 5-See Bulletin Board at Registration Area for Specifics

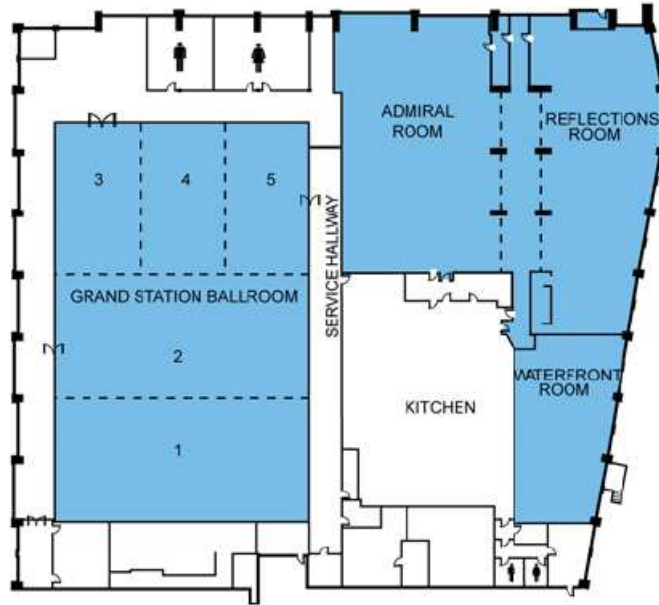
¹ 0.4 CEUs offered for this session. You must register and attend in order to receive CEUs. To receive these credits towards a Florida PE License, you MUST provide Thomas Arnold with your FL PE License number prior to the session.



Meeting Rooms Layout



**Sheraton
Station Square
HOTEL
PITTSBURGH**



FIRST FLOOR



SECOND FLOOR