



Welcome to Denver, Colorado – 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

Registered guests will be provided a breakfast for each morning. Off-site events TBD.

Attendee Breakfast:

A breakfast is provided each meeting day (Monday through Wednesday morning) for attendees between 7:00AM and 8:00AM. All attendees must register for the ICC meeting.

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 (scan QR code for link):



QR Code
coming soon

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

ICC mobile phone agenda powered by

SUNDAY, 30-APR- 2023 (30.4.2023)			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	B. Taylor / Arnold	South Convention 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.	Geene	Tower Court C
4:00 – 5:00PM	Social for ICC Women Engineers Network with other women engaged in the engineering profession. Introverts and extroverts – all are welcome!	Chmielewski / Thompson	Windows
12:30 – 5:00PM	Table Top Displays		South Convention Lobby
5:00 – 7:00PM	RECEPTION – All Attendees		Grand Ballroom II

Key – Schedule Color Coding

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



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Spring 2023 Meeting – Denver, Colorado (USA) AGENDA Draft 2 10-March-2023

ICC MEETING SCHEDULE

MONDAY, 1-MAY-2023 (1.5.2023) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Wen / Spear	South Convention Lobby	<i>Registered ICC Meeting Attendees (Only)</i>
		Spouse Breakfast (TBD)	Wen	Savoy	Registered Spouse/companion only
7:00AM-8:00AM		All Chairs Breakfast Meeting - (Subcom., WG, DG, Ed., Transnational, Communications, and Standards Chairs & Vice-Chairs)	Wen / Spear	Terrace	ICC Meeting, Subcommittee, WG/DG Operational Announcements
7:00AM–8:00AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Grand Ballroom I	Subcommittee presentation loadings on ICC Computer
7:00AM-12:00PM		Registration	B. Taylor / Arnold	South Convention Lobby	On-Site Registration & Package Pickup
7:30AM-5:30PM		Table Top Displays		South Convention Lobby	Product/Services Exhibitions
8:00 -9:00 AM		OPENING SESSION (All Attendees)	Wen / Spear	Grand Ballroom I	Announcements and Awards
9:15 AM-12:15 PM	C	CABLE SYSTEMS	Frentzas / Rong	Grand Ballroom I	General Discussions
BREAKOUT WG/DG MEETINGS ^{*(see notes on Page 1)}					
9:15 AM - 10:15 AM	B19W	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Windows	Review instructions for preparing PILC cables and changes to Title, Scope, and Purpose
	A19D	Covered Conductors	Villareal / Nuckles	Tower Court D	Presentations on system hardening and use of insulation piercing connectors; General discussion on CC
	B24W	495 Faulted Circuit Indicators – IEEE 495	Zhou / Marshall	Tower Court D	Review what was sent to ballot and comments
	D21W	Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Majestic Ballroom	Prepare standard for ballot
	D15W	Flame Propagation Testing (1202)	Crawford / Tassone	Vail	Prepare standard for ballot
	AdHoc	Sustainability of Power Cable Materials	Richardson	Columbine	New AdHoc group to study interest in sustainability of power cable materials
10:15–10:30AM	Break	Refreshments / Snacks	Wen	South Convention Lobby	<i>Registered ICC Meeting Attendees (Only)</i>
10:30AM – 12:15PM	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Wright	Windows	Group discussion to solicit presentations and topics for future meetings
	B09W	Guide for Cable Cleaning Solvents (1493)	Fredericks / Raut	Silver	Review revised Guide 1493 for REVCOM submittal
	F01W	Field Testing and Evaluation of Shielded Cables (IEEE 400)	Hampton / Villareal	Majestic Ballroom	Review updated and approved PAR and begin working on current draft
	D20W	Guide for Specifying and Selecting Cables for Nuclear Facilities (P2776)	Rasmussen / {Vacant}	Vail	Develop PAR



ICC MEETING SCHEDULE

MONDAY, 1-MAY-2023 (1.5.2023) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCHEON <i>(Must Register for This) (TBD)</i>	Wald / Levine	Grand Ballroom II	Networking and Technical Presentations
2:00 PM – 5:30 PM	B	CABLE ACCESSORIES	Jovanovic / Vacant	Grand Ballroom I	Technical Presentations
BREAKOUT WG/DG MEETINGS* <i>(see notes on Page 1)</i>					
2:00 PM - 3:15 PM	D19W	Standard for Testing Fire Resistive Cables For Use in Nuclear Facilities (P1844)	G. Taylor / Rasmussen	Windows	Develop PAR
	C39D	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	Tower Court D	Presentations and open discussion
	C20W	Soil Thermal Stability (1254)	Moutassem / {vacant}	Silver	Discuss need to develop / revise guide
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Perkel	Majestic Ballroom	Prepare latest draft for ballot
	A20D	Low Voltage Cable Systems Rated up to 600V	Brigandi / LeBlanc	Vail	Presentations and discussion toward future low voltage guide.
				Columbine	
3:15-3:30PM	Break	Refreshments / Snacks	Wen	South Convention Lobby	<i>Registered ICC Meeting Attendees (Only)</i>
3:30PM – 5:30PM	F03W	Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF) (P400.2)	Hampton / Morris	Windows	General discussion
	C38D	HVDC Cable Systems	Hobson / {Vacant}	Tower Court D	Discussion on the existing state of the art of HVDC cable systems in US
	G10D	International Organizations	Zenger / Orton	Silver	Update on Cigre SCs & B1 Cables. US activities plus WGs. Update on IEC. JTF Cigre/ICC.
	D23W	Cable Guide for Transit Infrastructure	Shoshani / Bayer	Majestic Ballroom	Continue revising guide
	A14D	Power Cable Standards	Eanes / West	Vail	Update on Standards Development from AEIC, ICEA, IEC and UL.
				Columbine	



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ICC MEETING SCHEDULE

TUESDAY, 2-MAY-2023 (2.5.2023) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00-8:00am		Attendee Breakfast	Wen / Spear	South Convention Lobby	All Registered ICC attendees
7:00-8:00am		Training Breakfast (Open to All)	Hotchkiss	Tower Court B	Robert's Rules of Order
		Spouse Breakfast (TBD)	Wen	Savoy	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Grand Ballroom I	Subcommittee presentation loadings on ICC Computer
7:00 AM - 11:00 AM		Registration	B. Taylor / Arnold	South Convention Lobby	On-Site Registration
7:30 AM - 5:30 PM		Table Top Displays		South Convention Lobby	Product/Services Exhibitions
8:00 AM - 12:00 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	G.Taylor / Laudicina	Grand Ballroom I	Technical Presentations
BREAKOUT WG/DG MEETINGS *(see notes on Page 1)					
8:00AM - 10:00AM	C22D	Superconducting Cables	Frentzas / {Vacant}	Windows	Discussion on superconducting technology and presentations on HTS systems
	B13D	Analysis and Solution to Problems with Insulated Cable Accessories	Morris / Levine	Tower Court D	Presentations and discussion on issues related to insulated cable accessories.
	A18W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (P1511.1)	Bader / Ayres	Silver	Review status and expiration of existing B12 guides and continue work on P1511.1 guide.
	C36W	Real Time and Dynamic Current Rating	Grodzinski / Moutassem	Majestic Ballroom	Discussion of the latest version of the draft guide
	A11W	IEEE 1142: Guide for the Sel., Test., App. & Install. of Cables w/Radial Moisture Bar. and/or Long. Water Block.	Bow / Bayer	Vail	The A11W meeting will continue its activities to revise the 1142 Guide on Water Blocked Cable
	B06W	Guide for the Connection of Surge Arresters to Protect Insulated Shielded Cable Systems (C62.22.1)	Lanz / van Besouw	Columbine	Review balloting
10-10:15AM	Break	Refreshments / Snacks	Wen	South Convention Lobby	<i>Registered ICC Meeting Attendees (Only)</i>
10:15AM - 12:00PM	B23D	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Castro	Windows	Meeting on Transition of IEEE 48 and 404 documents for Terminations and Joints
	F11W	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Tower Court D	Discussion of content of first draft
	C33D	Renewable Energies	Joy / Lee	Silver	IEEE 1547 Standards, and Interconnect Issues
	B21D	Application Guide for Cable Joints	Campbell / McGovern	Majestic Ballroom	Discussion of pertinent qualities when selecting which joint type to use for MV applications
	A06D	Accelerated Electrical Aging	Caronia / Narayanan	Vail	Presentation related to electrical aging of materials
	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Columbine	Presentation and work on white paper



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TUESDAY, 2-MAY-2023 (2.5.2023) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00 PM	G	TRANSNATIONAL LUNCHEON (Must Register for This)	Gulski / Leufkens	Grand Ballroom II	International Meetings Announcements and Technical
2- 5:30PM	A	CABLE CONSTRUCTION&DESIGN	Richardson/Reepe	Grand Ballroom I	Technical Presentations
BREAKOUT WG/DG MEETINGS *(see notes on Page 1)					
2:00 PM - 3:15 PM	C14W	Impulse Testing (IEEE P82)	Mosier / Guo	Windows	Address and resolve comments from recent balloting
	D03W	Guide for Selecting and Specifying Cables for Petrochemical Plants (IEEE P1242 – Joint w/IAS/PCIC)	Laudicina / {vacant}	Tower Court D	Reactivating the group for standard revision (current edition will expire in 2026)
	B12W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (P1511)	Bader / Ayres	Silver	Review status & expiration of existing B12 guides and continue work on P1511
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Fraijo	Majestic Ballroom	Presentation & Discussions HPFF cable systems
	D07W	Evaluation of Cables For Class 1E Circuits In Nuclear Generating Stations (1186)	Watson / Mantey	Vail	Continue developing recommended practice
				Columbine	
3:15-3:30PM	Break	Refreshments / Snacks	Wen	South Convention Lobby	Registered ICC Meeting Attendees (Only)
3:30 PM - 5:30 PM	D10W	Class 1E Cables for Nuclear Plants (IEEE383; Joint with NPEC/SC2)	Konnik / Murdock	Windows	Review changes to standard done in NPEC/SC2
	B18W	Application Guide for Separable Connectors (IEEE 1215)	Szysko / Smalley	Tower Court D	To start review of the document and discuss what to add
	C37D	Submarine Cable	Orton / Alvarez	Silver	Discussion on submarine & offshore cables
	C34W	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Majestic Ballroom	Further development of Guide for Manhole Explosions
	D17W	Fire-Rated Circuit Integrity Cables for Hydrocarbon Fires (1717)	Schmidt / Bayer	Vail	Develop PAR
	B05W	Connection of Cables to GIS (1300)	Frentzas / Thompson	Windows	Continue with revision of the guide.



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WEDNESDAY, 3-MAY-2023 (3.5.2023) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Wen / Spear	South Convention Lobby	All Registered ICC attendees
7:00-8:00am		Training Breakfast (Open to All)	Hotchkiss	Tower Court B	IEEE Working Group P&P on Dominance
		Spouse Breakfast (TBD)	Wen	Savoy	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	TBD	Grand Ballroom I	Subcommittee Presentation Loadings on ICC Computer
7:30 AM - 1:00 PM		Table Top Displays		South Convention Lobby	Product/Services Exhibitions
8:00 AM – 12:00 PM	F	FIELD TESTING AND DIAGNOSTICS	Tirinzoni / Perkel	Grand Ballroom I	Technical Presentations
BREAKOUT WG/DG MEETINGS ^(see notes on Page 1)					
8:00 AM - 10:00 AM	A08W	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	Wright / Zhou	Windows	Review and address ballot comments
	A10D	Conductors	Joy / Liu	Tower Court D	Discussion on cable and conductor improvements
	B16W	Separable Insulated Connectors (386)	Hughes / Allen	Silver	Reach consensus on title, scope and other groundwork for PAR
	C40D	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / McGovern	Majestic Ballroom	Presentations plus continued discussion on converting pipe cables to XLPE
	C11W	Submarine Cables (1120)	Orton / Dodeman	Vail	Revision of IEEE Standard 1120 on Submarine Cables
	D11W	Guide on Shielding Practice for Low Voltage Cables (P1143)	Bow / Bayer	Columbine	Review any comments from ballot
10 – 10:15 AM	Break	Refreshments / Snacks	Wen	South Convention Lobby	Registered ICC Meeting Attendees (Only)
10:15 AM - 12:00 PM	B22D	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404)	Madden / B. Taylor	Columbine	Family of products discussion and ongoing harmonization work
	B25D	Link Boxes for Joints and Terminations	Jovanovic / Liu	Tower Court D	Meeting to evaluate need and interest to start discussion group on link boxes – application, requirements, trends
	A16D	Characteristics of EPR Cables	Cao / Graham	Silver	Presentations and Discussions
	C01W	Ampacity Topics (IEEE 835)	Purnhagen / Goyette	Majestic Ballroom	Discuss ampacity problems/solutions, update to ampacity tables
	C23W	Overhead / Underground Transition Structures (P1793)	Rochel / Zhang	Vail	Select secretary, review current document
	D14W	Guide for the Design of Cable Systems (P422) [Joint with PGC]	Fallenson / Schroeder	Columbine	Develop PAR for guide revision



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ICC MEETING SCHEDULE

WEDNESDAY, 2-NOV-2022 (2.11.2022) - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:00-1:00 PM		ICC ON-SITE LUNCHEON (No Presentations) (Must Pay / Register for This)		Grand Ballroom II	No Presentations
1:00-5:00PM		Education Program: “Submarine Power Cables – Design, Installation, and Repair”	Makovoz / Zhou	Grand Ballroom I	The presentation will include design, permitting, installation, protection and repair of AC and DC submarine cables.
3:00-3:15PM	Break	Education Program: Refreshments / Snacks	Wen		

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

◆◆◆◆◆◆◆◆◆◆ **Administrative Activities** ◆◆◆◆◆◆◆◆◆◆

ICC Office	ExCom	Director's Boardroom	
SATURDAY, 29-APR-2023 (29.4.2023)			
TIME	ACTIVITY	CHAIRS	ROOM
12:00- 2:00PM	Pre-Con Meeting with Hotel (Wen, Spear, Geene, Mueller, B.Taylor, Arnold, Hotel Staff)	Wen / Spear	Tower Court C
2:00-4:00PM	Executive Committee Meeting - Executive Session (Geene, Wen, Spear, Mueller, B.Taylor, Arnold)	Wen / Spear	Tower Court C
4:00-5:00PM	Treasurer's Meeting - (Spear, Mueller, Geene, B.Taylor, Arnold)	Spear	Tower Court C
SUNDAY, 30-APR-2023 (30.4.2023)			
12:00-3:45PM	Administrative Committee Opening Meeting - (Wen, Spear, Geene, Mueller, B. Taylor, Arnold, Richardson, Reepe, Jovanovic, Frentzas, Rong, G.Taylor, Laudicina, Tirinzoni, Perkel, Gulski, Leufkens, Mosier, Makovoz, Zhou, Klement, Clark, Madden, Carson, von Herrmann, Wald, Levine, Thompson, Anderson, Smith, Hotchkiss)	Wen / Spear	Tower Court B
4:00-5:00PM	Advisory Committee Meeting - (Madden, Orton, Wen, Spear, past ICC Chairs)	Madden	Tower Court B
MONDAY, 1-MAY-2023 (1.5.2023)			
7:00-7:45 AM	All Chairs Breakfast Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, Communications, and Standards: Chairs and Vice-Chairs)	Wen / Spear	Terrace
7:45 AM – 8:00AM	All Chairs Mtg. – Sub A Breakout	Richardson / Reepe	Terrace
	All Chairs Mtg. – Sub B Breakout	Jovanovic / Vacant	Terrace
	All Chairs Mtg. – Sub C Breakout	Frentzas / Rong	Terrace
	All Chairs Mtg. – Sub D Breakout	G.Taylor / Laudicina	Terrace
	All Chairs Mtg. – Sub F Breakout	Tirinzoni /Perkel	Terrace
	All Chairs Mtg. – Sub G Breakout	Gulski / Leufkens	Terrace
TUESDAY, 2-MAY-2023 (2.5.2023)			
7:00-8:00am	Training Breakfast	Hotchkiss	Tower Court B
WEDNESDAY, 3-MAY-2023 (3.5.2023)			
7:00-8:00am	Training Breakfast	Hotchkiss	Tower Court B
12:00-2:00 PM	Administrative Committee Wrap-Up Meeting - (Attendees: See Opening Meeting)	Wen / Spear	Tower Court C



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(Maps come later)