



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2014 Meeting, Kansas City, MO

FINAL AGENDA – 04/28/14

Administrative Activities

SATURDAY, MAY 3, 2014			
TIME	ACTIVITY	CHAIRS	ROOM
12:00 - 2:00 PM	Pre-Con Meeting with Hotel (Champion, Frenzcas, Smith, Arnold, Hiivala, Wentzel, Hotel)	Champion / Frenzcas	Crossroads / Level 2
2:00 - 5:00 PM	ExCom¹ Meeting - Executive Session (Champion, Frenzcas, Smith, Arnold, Hiivala, and Wentzel)	Champion / Frenzcas	Crossroads / Level 2
SUNDAY, MAY 4, 2014			
9:00 – 11:00AM	Treasurer's Meeting - (Frenzcas, Smith, Champion, Arnold)	Frenzcas	Crossroads / Level 2
12:00 - 3:45PM	AdCom² Opening Meeting - (Champion, Frenzcas, Smith, Arnold, Hiivala, Fenger, Walton, Bader, Mueller, Szyszko, Geene, DePriest, Maldonado, Hampton, Côté, Smalley, Gulski, Mosier, Petzold, Tirinzoni, Merando, Madden, von Herrmann, Orton, Wen, Wentzel)	Champion / Frenzcas	Pershing Place North / Level 3
4:00 – 5:00PM	Advisory Committee Meeting - (Smalley, Madden, Smith, Champion, Frenzcas, Gear, Orton, past ICC Chairs)	Smalley / Madden	Crossroads / Level 2
MONDAY, MAY 5, 2014			
7:00 – 7:45AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Champion / Frenzcas	Mission Room / Level 3 (Operational announcements for meeting.)
7:45 – 8:00AM	All Chairs Mtg. – Sub A Breakout	Walton / Wen	Shawnee Room / Level 3
	All Chairs Mtg. – Sub B Breakout	Bader / Szyszko	Roanoke / Level 3
	All Chairs Mtg. – Sub C Breakout	Geene / Mueller	Penn Valley / Level 3
	All Chairs Mtg. – Sub D Breakout	Maldonado / Depriest	Pershing West / Level 3
	All Chairs Mtg. – Sub F Breakout	Hampton / Côté	Pershing East / Level 3
	All Chairs Mtg. – Sub G Breakout	Petzold / Gulski	Mission Room / Level 3
TUESDAY, MAY 6, 2014			
7:00 – 7:45AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Merando	Mission Room / Level 3 (Training Session on Central Desktop)
WEDNESDAY, MAY 7, 2014			
12:00 PM – 2:00 PM	AdCom Wrap-Up Meeting - (Champion, Frenzcas, Smith, Arnold, Hiivala, Fenger, Walton, Bader, Mueller, Szyszko, Geene, DePriest, Maldonado, Hampton, Côté, Smalley, Gulski, Mosier, Petzold, Tirinzoni, Merando, Madden, von Herrmann, Orton, Wen, Wentzel)	Champion / Frenzcas	Pershing Place North / Level 3

¹ ExCom is the Executive Committee.

² AdCom is the Administrative Committee.



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ICC MEETING SCHEDULE

SUNDAY, MAY 4, 2014			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	Arnold / B. Taylor	Century C Foyer / Level 3
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.	J. Smith	Pershing Place East / Level 3
12:30 – 5:00PM	Table Top Displays		Century Foyer / Level 3
5:00 – 7:00PM	RECEPTION – All Attendees		Century A / Level 3

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



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FINAL AGENDA – 04/28/14

ICC MEETING SCHEDULE

MONDAY, MAY 5, 2014 - AM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 12:00 PM		Registration	Arnold	Century C Foyer Level 3	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)	Champion / Frentzas	Mission Room Level 3	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	Century C Level 3	Subcommittee presentation loadings on ICC Computer
7:30 AM - 5:30 PM		Table Top Displays		Century Foyer Level 3	Product/Services Exhibitions
8:15 AM - 9:00 AM		OPENING SESSION All Attendees	Champion/ Frentzas	Century C Level 3	ICC Meeting Announcements, IEEE, PES & ICC Awards
9:15 AM - 12:30 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Maldonado / Depriest	Century C Level 3	Technical Presentations
BREAKOUT WG/DG MEETINGS¹					
9:15 AM - 10:15 AM	A20D	Low Voltage Cable Systems Rated ≤ 600V	Wen / Flenniken	Shawnee Room Level 3	Presentations and general discussions.
	B02D	Cable Joint Standard (404)	Madden / Jovanovic	Roanoke Level 3	Continue discussion on family of joints definition, harmonization with IEEE 48, and other topics.
	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Penn Valley Level 3	Review the current guide and discuss any recommendation for changes.
	C11D	Submarine Cables (1120)	Orton / Campilii	Pershing West Level 3	Discussion on all topics related to submarine cables.
	F11D	Constant Voltage AC Field Testing of Cable Systems	Fenger / Denmon	Pershing East Level 3	AC testing of cables presentations, discuss document content & structure, draft schedule, assign.
10:30 AM - 12:30 PM	A14D	Power Cable Standards	Smalley / Richardson	Shawnee Room Level 3	Presentation on heat shock and distortion tests; updates from AEIC, ICEA, and IEC.
	B16W	Separable Insulated Connectors (386)	Wall / Wentzel	Roanoke Level 3	Ongoing work on revision of IEEE 386. Revision of document body.
	B17W	Guide for Faulted Circuit Indicators (1610)	Angerer / Reed-Harmel	Penn Valley Level 3	Review final draft P1610.
	C29D	Induced Voltage Work Procedures (1727)	Kong / Argaut	Pershing West Level 3	Presentations on induced voltage.
	C36D	Real-Time Dynamic Current Rating	Grodzinski / Chaaban	Pershing East Level 3	First review and discussion of the future guide.

¹ 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 an active PAR 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, subcommittee, discussion group, and working group meetings.



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FINAL AGENDA – 04/28/14

ICC MEETING SCHEDULE

MONDAY, MAY 5, 2014 - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCHEON <i>(Must Register for This)</i>	Orton / Boone	Liberty Room Level 3	Individual Professional Networking; Invitational Presentations
2:00 PM - 5:30 PM	C	CABLE SYSTEMS	Geene / Mueller	Century C Level 3	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	A16D	Characteristics of EPR Cables	Hayes / Fleming	Shawnee Room Level 3	Presentation on ethylene alkene elastomers for cables and update on “submerged” cable rating.
	B03D	Exposed Semi-Con Shields Test (592)	Richardson / Kamel	Roanoke Level 3	Continuation of the discussions to revise the IEEE-592 standard.
	B06W	Connection of Surge Arresters to Protect Insulated Shielded Cable Systems (1299 / C62.22.1)	Jibril / Makal	Penn Valley Level 3	Discussion of final changes (mandatory editorial review) before going out to ballot.
	D03D	Select/Specify Petro-Chem Cables (1242)	Maldonado / Bow	Pershing West Level 3	Revision of IEEE-1242 continues.
	D05D	Guide for Installation Methods for Generating Station Cables (1185)	Merando / Graham	Pershing East Level 3	Continue developing the bend radius white paper.
3:30 PM - 5:30 PM	B09D	Guide for Cable Cleaning Solvents (1493)	Wen / Lauxman	Shawnee Room Level 3	Review current edition, discuss preparation of PAR for submission, and formation of working group.
	B12D	Guide for Investigating & Analyzing Cable and Accessory Failures (1511.2)	Jasek / Ayers	Roanoke Level 3	Presentation on splice failure analysis procedures and continued discussion on what to include in Guide.
	D18W	Installation Guide for Fire-Rated Circuit Integrity Cables in Petro & Chem Industries (1810)	Shoshani / Bayer	Penn Valley Level 3	Review guide sections on direct burial, voltage drop and Ampacity.
	F05W	Damped AC Voltage Testing (400.4)	Gulski / Patterson	Pershing West Level 3	Preparation of a guide document for DAC voltage testing.
	F07D	Guide on Neutral Corrosion in MV Underground Cables (1617)	Buchholz /	Pershing East Level 3	Discuss neutral corrosion in jacketed cables and existing Guide 1617 for only unjacketed cables.

General Meeting Notes – Monday, 05/05/2014

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM: Room: Crossroads, Level 2
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM: Room: Crossroads, Level 2
- 3-ICC Attendee Breakfast, 7:00 – 8:00AM, Room: Century B, Level 3
- 4- Breaks 10:00 – 10:30 AM, 3:00 – 3:30PM, Room: Century Foyer, Level 3
- 5-See Bulletin Boards at Registration Area for Specifics



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FINAL AGENDA – 04/28/14

ICC MEETING SCHEDULE

TUESDAY, MAY 6, 2014 - AM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 11:00 AM		Registration	Arnold	Century C Foyer Level 3	On-Site Registration
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Century C Level 3	Subcommittee presentation loadings on ICC Computer
7:00 AM - 8:00 AM		All Chairs Meeting (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Champion / Frentzas	Mission Room Level 3	Training on Central Desktop, a management tool for meeting operations.
7:30 AM - 5:30 PM		Table Top Displays		Century Foyer Level 3	Product/Services Exhibitions
8:00 AM – 12:00 PM	F	FIELD TESTING AND DIAGNOSTICS	Hampton / Côté	Century C Level 3	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00 AM - 10:00 AM	A13D	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water-filled Tanks (1407)	Walton / Vacant	Shawnee Room Level 3	Discuss formation of working group for the next revision of IEEE 1407 guide.
	A19D	Covered Conductors	Campbell / Nuckles	Roanoke Level 3	Discussion on Arc Clamps and develop PAR for covered conductor guide.
	B10D	Guide for Cable Terminations (1637)	B.Taylor / Jibril	Penn Valley Level 3	Continue to review materials for the application guide section of this document.
	C35D	Sheath Bonding Multi-Conductor/Parallel Circuits	Chaaban / Grodzinski	Pershing West Level 3	Presentations and discussions on the ``Table of Contents`` & assignment of volunteers for writing.
	D21D	Test Procedure for Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps	Conrad / Vacant	Pershing East Level 3	Discuss group to write the PAR and move toward becoming a working group.
10:15 AM - 12:00 PM	A06D	Accelerated Electrical Aging	Wald / Caronia	Shawnee Room Level 3	Presentations on accelerated aging at high temperature of XLPE cables and 500 Hz ageing
	C25W	Soil Thermal Resistivity (442)	Patel / Cherukupalli	Roanoke Level 3	Working to update current standard.
	C33D	Renewable Energies	Joy / Patel	Penn Valley Level 3	Discussion on international statistics and methods of connecting to the utility grid.
	C Ad Hoc	HVDC Cable Systems	Lindsay	Pershing West Level 3	Presentations and discussion of HVDC cable technology, applications and projects.
	D10W	Class 1E Nuclear Plant Cables (383)	Konnik / Gwal	Pershing East Level 3	SC-2 ballot update and start white paper.

General Meeting Notes – Tuesday, 05/06/2014

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: Crossroads, Level 2
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: Crossroads
- 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Century B, Level 3

- 4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM, Room: Century Foyer Level 3
- 5-See Bulletin Boards at Registration Area for Specifics



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FINAL AGENDA – 04/28/14

ICC MEETING SCHEDULE

TUESDAY, MAY 6, 2014 - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00PM	G	TRANSNATIONAL LUNCHEON <i>(Must Register for This)</i>	Petzold / Gulski	Liberty Room Level 3	International Meetings Announcements and Technical Presentations
2:00 PM - 5:30 PM	A	CABLE CONSTRUCTION & DESIGN	Walton / Wen	Century C Level 3	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	B19D	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Shawnee Room Level 3	Continue discussion on items to be added in the next revision of the standard.
	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Roanoke Level 3	Presentation on Wolf Bay 115kV XLPE Cable Crossing.
	C20W	Soil Thermal Stability (1813)	Patel / Campbell	Penn Valley Level 3	Discussion on North American and European methods for testing thermal stability.
	D19W	Procedure for Determining Integrity Performance of Fire Resistive Cables in Nuclear Facilities (1844)	G.Taylor / Shoshani	Pershing West Level 3	Continue to develop draft standard.
	F10D	Diagnostic Testing for Cable Joints & Terminations	Jiang / Hayden	Pershing East Level 3	Presentation and discussion of diagnostic testing of cable accessories.
3:30 PM - 5:30 PM	B05D	Connection of Cables to GIS (1300)	Frentzas / Whiteside	Shawnee Room Level 3	Discussions and update/presentation on current CIGRE work.
	B16W	Separable Insulated Connectors (386)	Wall / Wentzel	Roanoke Level 3	Ongoing work on revision of IEEE 386. Revision of figures in standard.
	B21D	Application Guide for Cable Joints (new)	McLaughlin / Campbell	Penn Valley Level 3	Review initial submissions/entries into the Cable Accessory Application Guide.
	C01D	Ampacity Topics (835)	Purnhagen / Goyette	Pershing West Level 3	Continuing discussion and presentations on the effects of steel casings on cable ampacities.
	D15D	Flame Propagation Testing (1202)	Hills / G.Taylor	Pershing East Level 3	Discuss and approve new PAR for IEEE 1202.

General Meeting Notes – Tuesday, 05/06/2014

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: Crossroads, Level 2
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30 AM – 5:30PM, Room: Crossroads, Level 2
- 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Century B, Level 3
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM, Room: Century Foyer, Level 3
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ICC MEETING SCHEDULE

WEDNESDAY, MAY 7, 2014 - 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	Century C Level 3	Subcommittee Presentation Loadings on ICC Computer
8:00 AM - 12:00 PM	B	CABLE ACCESSORIES	Bader / Szyszko	Century C Level 3	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00AM – 10:00AM	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Joseph	Shawnee Room Level 3	Discuss the PAR for migration to a working group.
	C34D	Mitigating Manhole Explosions	Black / Côté	Roanoke Level 3	Presentation on manhole explosions by Siemens and discussion of revisions to White Paper.
	E Ad Hoc	Impact of New Technologies & Economic Issues on ICC and Our Industry	Champion/Frentzas	Penn Valley Level 3	Panelists representing various constituents will discuss the future & its impact on ICC & industry.
	D04D	Smoke, Toxicity and Corrosive Products of Cable Combustion	Durland / Vacant	Pershing West Level 3	Updating the Compendium for D04D and relevant discussion topics.
	G10D	International Organizations	Zenger / Orton	Pershing East Level 3	Update on Cigre SC B1. Reports on Cigre WGs B1.23; B1.40; B1.41; B1.47 & JWG B1.B3.33 & IEC.
10:15 AM - 12:00 PM	A10D	Conductors	Joy / Luke	Shawnee Room Level 3	Presentation on moisture barriers for HV and EHV cables: design, performance & economics.
	C30W	Life Extension of Power Cables in the Field (1879)	Bernstein / Piteo	Roanoke Level 3	Discuss the latest version of the Guide and seek approval of changes and additions.
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Koonce	Penn Valley Level 3	Various presentations and discussions on pipe-type cable systems.
	D20D	Submergence Testing of Nuclear Facilities Cables	Depriest / Fleming	Pershing West Level 3	Discussion on potential Guide for Selection of Nuclear Cables.
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Pershing East Level 3	Discussion of test voltages for inclusion in the standard.
12:00 PM - 1:00 PM		EDUCATIONAL LUNCHEON <i>(Must Register for This)</i>		Liberty Room Level 3	
1:00 PM - 5:00 PM		EDUCATIONAL PROGRAM¹	Tirinzone / Mosier	Century C Level 3	Bonding of Cable Systems

General Meeting Notes – Wednesday, 05/07/2014

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: Crossroads, Level 2
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: Crossroads
- 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Century B, Level 3

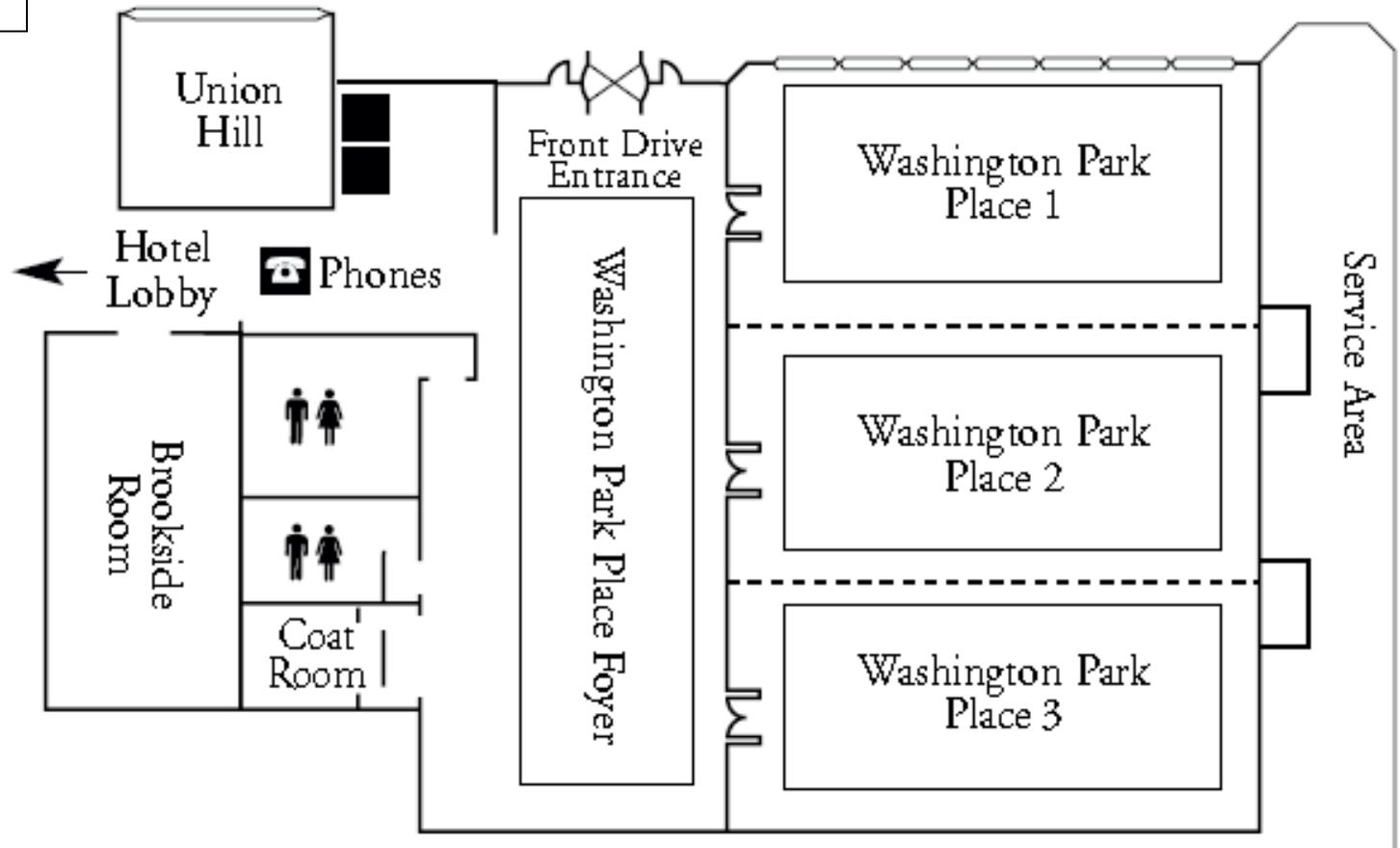
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 2:45 – 3:15PM Room: Century Foyer
- 5-See bulletin Board at Registration Area for Specifics

¹ 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.



**Lobby Area Layout
LEVEL 1**

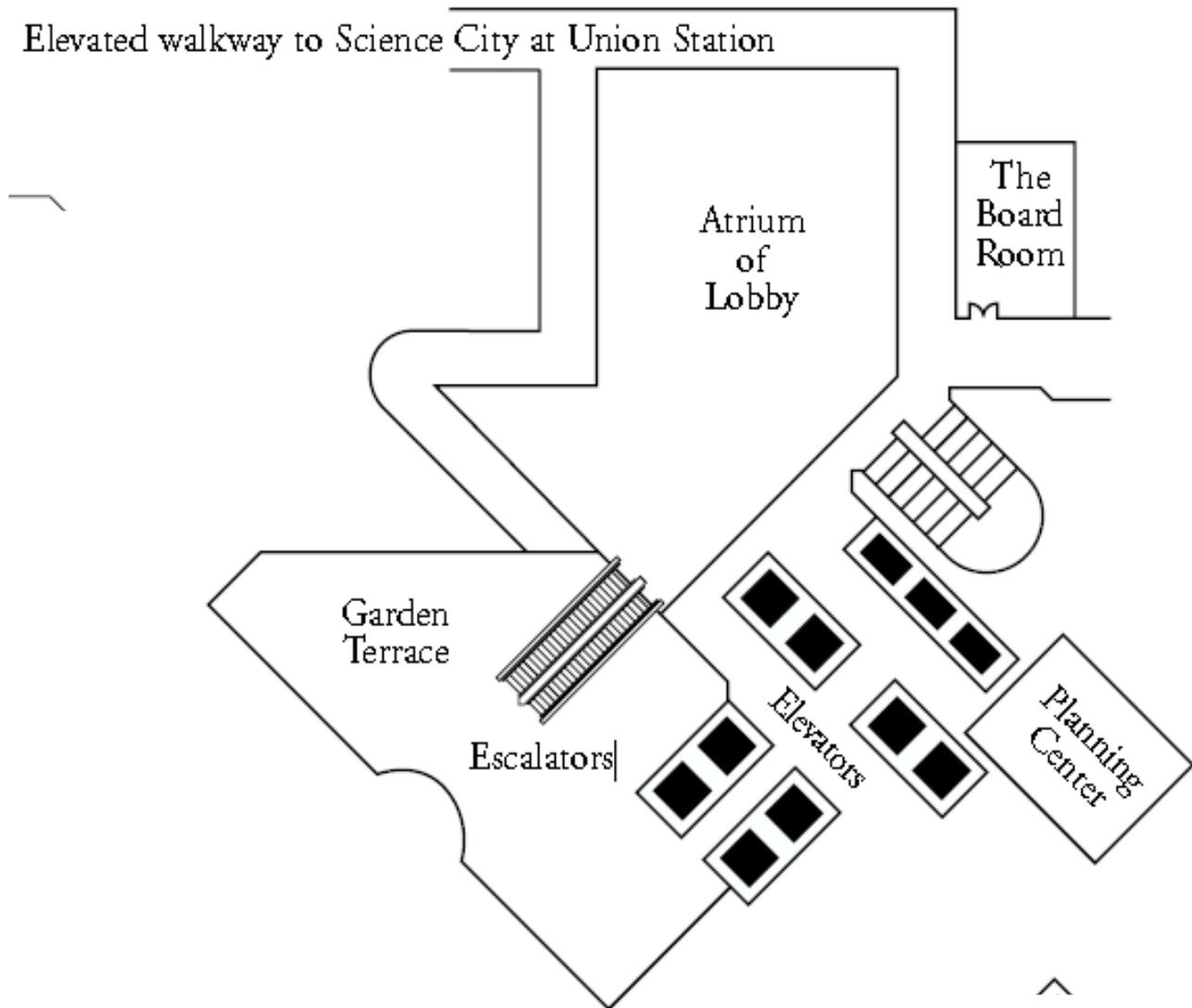
Meeting Rooms – Lobby, Level 1
Brookside Room
Union Hill
Washington Park, 1, 2, & 3





**Executive Office Floor
LEVEL 2**

<i>Meeting Room - Executive Office Floor, Level 2</i>
Boardroom
Garden Terrace
Planning Center

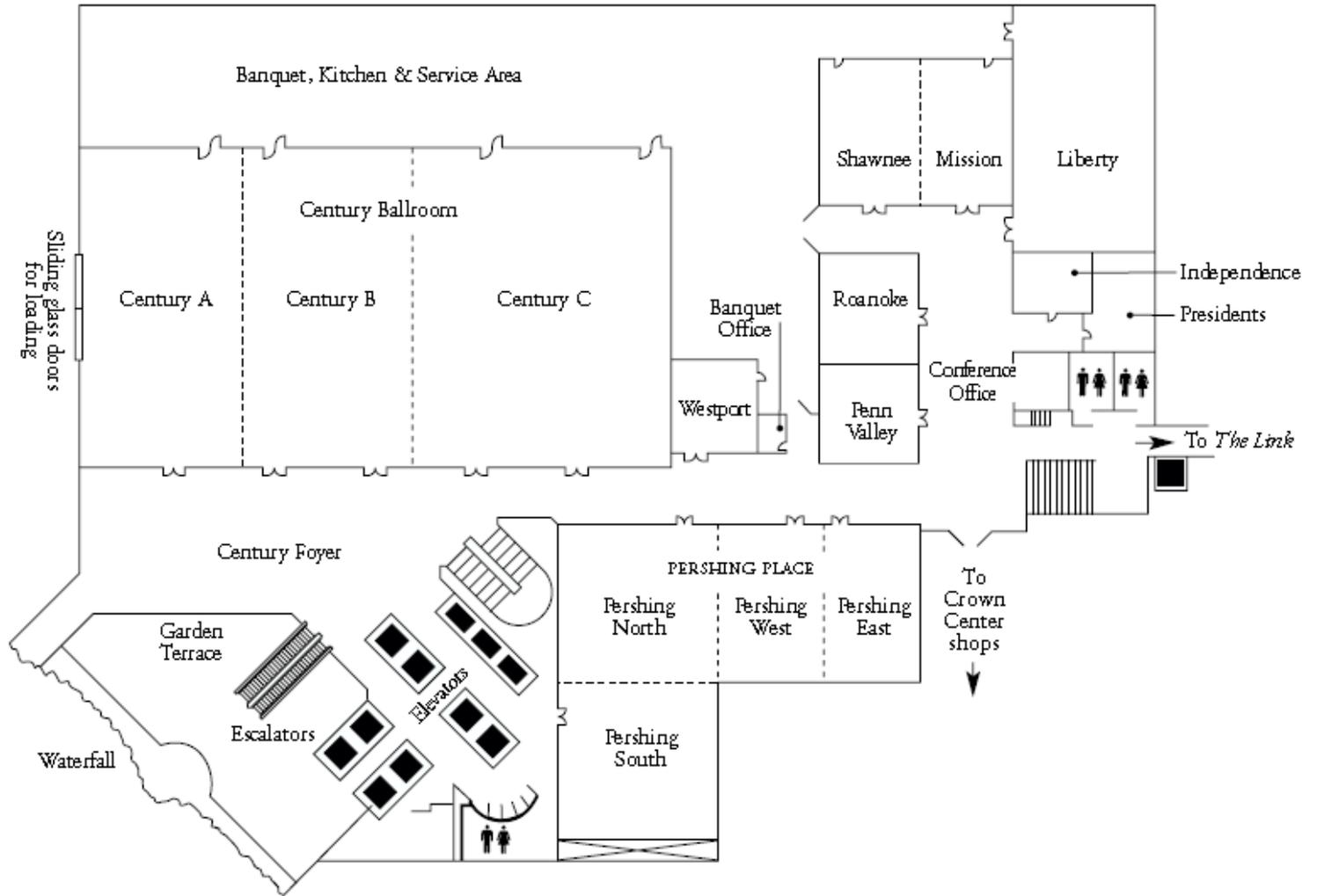




Meeting Rooms Layout

BALLROOM FLOOR, Level 3

<i>Meeting Rooms - Ballroom Floor, Level 3</i>
Century Ballroom, A, B, & C
Independence
Liberty
Mission
Penn Valley
Pershing Place, West, East, North, & South
Shawnee
Presidents
Westport





Meeting Rooms Layout

LEVEL 5

<i>Meeting Room - Level 5</i>
Ambassadors
Congressional
Governors
Mayors
Regents
Senators

FIFTH FLOOR MEETING ROOMS

