

IEEE/PES TRANSFORMERS COMMITTEE
www.transformerscommittee.org
Fall 2014 Meeting; October 19-23
Hosted by Potomac Electric Power Co. (Pepco)
Sheraton Tysons Hotel; Washington DC Metro Area, USA

NOTES: See Page 4 for a key to abbreviations.

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
Friday, October 17					
1:00 pm - 5:00 pm >	WG Wind Turbine Transf. P60076-16	PCS	D. Buckmaster	26 US	Great Falls
1:00 pm - 5:00 pm >	IEEE/IEC Joint Review WG Step-Voltage Regulators C57.15 / 60076-21	Dist	C. Colopy	22 US	Potomac
Saturday, October 18					
> 8:00 am - 5:00 pm >	WG Wind Turbine Transf. P60076-16	PCS	D. Buckmaster	26 US	Great Falls
> 8:00 am - 5:00 pm >	IEEE/IEC Joint Review WG Step-Voltage Regulators C57.15 / 60076-21	Dist	C. Colopy	22 US	Potomac
7:00 pm until ??	Early Bird Event: Dinner, music & fun at Iris Lounge. Advance registration necessary. See flyer for details. -- Meet there any time after 7:00 pm. Your name will be on a "will call list" there. Dinner served at 8:00 pm. -- The Iris Lounge is a 3-minute taxi or hotel shuttle ride from the hotel (or 20-minute walk).				
Sunday, October 19					
1:00 pm - <u>5:30 pm</u>	Meeting Registration				Fairfax Foyer (Lobby Level)
2:00 pm - 5:30 pm	Administrative SC -- Closed meeting, by invitation only	Admin.	D. Platts	26 US	Great Falls
<u>3:00 pm</u> - 5:30 pm	NEMA Transformers -- Closed meeting, by invitation only	++	C. Drexler	22 US	Potomac
6:00 pm - 8:00 pm	Welcome Reception			450 Reception	Tysons Ballroom (Upper Lobby Level)
Monday, October 20 -- Monday Breaks Sponsored by BROCKHAUS MESSTECHNIK **					
7:00 am - <u>4:00 pm</u>	Meeting Registration				Fairfax Foyer
<u>7:00 am</u> - 7:50 am	Newcomers Orientation -- Breakfast Meeting; arrive early! -- Newcomers & Guests are encouraged to attend!		S. Antosz	60 CL	Ash Grove BC
7:00 am - 7:50 am	Distribution SC Leaders Coordination -- Closed breakfast meeting, by invitation only		S. Shull	16 BD	Premiere Ballroom (Upper Lobby Level)
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/companions please)			270 RT (9/tbl)	Tysons Ballroom
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meeting attendees please)			96 RT (8/tbl)	McLean / Vienna
<u>8:45 am</u> - 4:30 pm note early departure!	<u>Spouses/Companions Tour:</u> Mount Vernon, Old Town Alexandria, Arlington National Cemetery, and lunch at Mount Vernon Inn. Advance registration required. Limited attendance. -- Bus departs Sheraton Hotel at <u>8:45 am</u> , and returns approx 4:30 pm.				
8:00 am - <u>9:10 am</u> >	Opening Session -- <u>All attendees</u> are encouraged to attend -- See separate document for meeting agenda -- Attendance recorded as eligibility for Committee membership		D. Platts	300 CL S1 250 TH	Fairfax Ballroom (combined rooms)
9:10 am - 9:30 am	Break (beverages only)			Fairfax / Ash Grove Foyer	

** Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring a coffee-break at a future meeting.

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Monday, October 20 (continued)					
9:30 am - 10:45 am	WG 3-ph UG Dist. Transf. C57.12.24	UTNP	G. Termini	60 MX	Ash Grove A
9:30 am - 10:45 am	TF Winding Temp. Indicators	IL	P. McClure	80 MX	Great Falls
9:30 am - 10:45 am	WG External Dielectric Clearances	DiTests	E. Davis	100 CL	Presidential Theat.
9:30 am - 10:45 am	TF Consolidation of Oil Guides	IF	T. Prevost	120 MX S2 (add 60 TH)	Ash Grove BC
9:30 am - 10:45 am	WG Tertiary/Stabiliz. Windings PC57.158	PCS	E. Betancourt	275 MX S3	Fairfax Ballroom A
9:30 am - 10:45 am	WG Failure Analysis & Report. C57.125	Power	W. Binder	275 MX S3	Fairfax Ballroom B
10:45 am - 11:00 am	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
11:00 am - 12:15 pm	WG Ventilated Dry Type C57.12.51 New!	Dry	S. Som	60 MX	Ash Grove A
11:00 am - 12:15 pm	WG Moisture in Insulation PC57.162	IL	T. Prevost	80 MX	Great Falls
11:00 am - 12:15 pm	WG Overhead Distr. Transf. C57.12.20	Dist	A. Traut	100 CL	Presidential Theat.
11:00 am - 12:15 pm	WG PD Acoustic Detection C57.127	DiTests	D. Gross	120 MX S2	Ash Grove BC
11:00 am - 12:15 pm	WG PCS Rev. to Test Code C57.12.90	PCS	M. Perkins	275 MX S3	Fairfax Ballroom A
11:00 am - 12:15 pm	WG Installation of Power Transf. C57.93	Power	M. Lau	275 MX S3	Fairfax Ballroom B
12:15 pm - 1:30 pm	<u>Lunch Meeting:</u> Standards Development Review		B. Bartley	240 RT (8/tbl)	Tysons Ballroom
	-- <u>Everyone</u> is welcome to attend. All SC/WG/TF leaders are <u>highly encouraged</u> to attend.				
	-- Doors actually open ~12:00 pm. Come early, get a good seat, and start eating.				
	-- Registration necessary. No paper tickets. Admission verified at the door.				
1:45 pm - 3:00 pm	WG Secondary Network Protectors C57.12.44	UTNP	B. Wimmer	60 MX	Ash Grove A
1:45 pm - 3:00 pm	WG Dry-Type Gen. Require. C57.12.01	Dry	T. Holdway	80 MX	Great Falls
1:45 pm - 3:00 pm	WG 1-ph Padmount Dist. Transformers C57.12.38	Dist	A. Ghafourian	100 CL	Presidential Theat.
1:45 pm - 3:00 pm	WG Less-Flammable Hydrocarbon Insulating Liquid Guide C57.121	IF	D. Sundin	120 MX S2	Ash Grove BC
1:45 pm - 3:00 pm	TF Audible Sound Revision to Test Code	PCS	R. Girgis	275 MX S3	Fairfax Ballroom A
1:45 pm - 3:00 pm	WG Tank Rupture & Mitigation PC57.156	Power	P. Zhao	275 MX S3	Fairfax Ballroom B
3:00 pm - 3:15 pm	<i>Break (beverages and treats)</i>			Fairfax / Ash Grove Foyer	
3:15 pm - 4:30 pm	SC HVDC Converter Transformers and Smoothing Reactors	HVDC	M. Sharp	60 MX	Ash Grove A
3:15 pm - 4:30 pm	WG Milli-amp Current Transf. C57.13.7	IT	H. Alton	80 MX	Great Falls
3:15 pm - 4:30 pm	WG 3-ph Padmount Distribution Transformers C57.12.34	Dist	R. Stahara	100 CL	Presidential Theat.
3:15 pm - 4:30 pm	WG Natural Ester-Based Fluids C57.147	IF	P. McShane	120 MX S2	Ash Grove BC
3:15 pm - 4:30 pm	WG Dielectric Freq. Response PC57.161	DiTest	A. Naderian	275 MX S3	Fairfax Ballroom A
3:15 pm - 4:30 pm	WG Transformer Capability with Non-sinusoidal Loads PC57.110 New!	PCS	R. Marek	275 MX S3	Fairfax Ballroom B
4:30 pm - 4:45 pm	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
4:45 pm - 6:00 pm	WG Dry-Type O&M Guide C57.94	Dry	D. Stankes	60 MX	Ash Grove A
4:45 pm - 6:00 pm	WG PD in Bushings & PT/CTs PC57.160	DiTests	T. Hochanh	80 MX	Great Falls
4:45 pm - 6:00 pm	WG Step-Voltage Regulators C57.15 / 60076-21	Dist	C. Colopy	100 CL	Presidential Theat.
4:45 pm - 6:00 pm	WG Oil Accept & Maint. Guide C57.106	IF	B. Rasor	120 MX S2	Ash Grove BC
4:45 pm - 6:00 pm	WG PCS Revisions to C57.12.00	PCS	T. Ansari	275 MX S3	Fairfax Ballroom A
4:45 pm - 6:00 pm	TBD			275 MX S3	Fairfax Ballroom B
7:00 pm - 10:00 pm	<u>Social Event:</u> "Monuments By Moonlight", with champagne and desserts. See flyer for details. -- Space is limited, so register soon! Indicate desire to attend when you register on-line for the meeting. -- Bus begins loading at the hotel at 6:45 pm, and departs at 7:00 pm. Returns to hotel at ~10:00 pm.				

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Tuesday, October 21 -- Tuesday Breaks Sponsored by Doble Engineering Co. **					
7:00 am - 12:00 pm	Meeting Registration				Fairfax Foyer
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/companions please)			270 RT (9/tbl)	Tyson's Ballroom
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meeting attendees please)			96 RT (8/tbl)	McLean / Vienna
7:00 am - 7:50 am	EL&P Delegation (end-users only please) -- Breakfast Meeting; arrive early		J. Murphy	40 CL	Potomac
9:15 am - 4:00 pm	Spouses/Companions Tour: Smithsonian American History Museum and Georgetown Food Tour. Advance registration required. Limited attendance. -- Bus departs Sheraton Hotel at 9:15 am, and returns approx 4:00 pm.				
8:00 am - 9:15 am	WG Req. for Instrument Transf. C57.13	IT	R. McTaggart	60 MX	Ash Grove A
8:00 am - 9:15 am	WG Oil Reclamation Guide PC57.637	IF	J. Thompson	80 MX	Great Falls
8:00 am - 9:15 am	WG Enclosure Integrity C57.12.28, C57.12.29, C57.12.31, C57.12.32	Dist	R. Olen	100 CL	Presidential Theat.
8:00 am - 9:15 am	TBD			120 MX S2	Ash Grove BC
8:00 am - 9:15 am	WG Geomagnetic Disturbances PC57.163	Stds	J. Verner	275 MX S3	Fairfax Ballroom A
8:00 am - 9:15 am	WG Functional Life Tests, De-energized Tap Changers (DETC) PC57.157	Power	P. Hopkinson	275 MX S3	Fairfax Ballroom B
9:15 am - 9:30 am	Break (beverages only)			Fairfax / Ash Grove Foyer	
	WG DGA Natural Ester Fluids PC57.155	IF	Work is complete. Guide submitted to REVCOM.		
9:30 am - 10:45 am	WG 1-Ph Submersible Transf. C57.12.23	UTNP	A. Traut	60 MX	Ash Grove A
9:30 am - 10:45 am	WG Station Service Voltage Transformers	IT	D. Wallace	80 MX	Great Falls
9:30 am - 10:45 am	TF Committee History	Mtgs	P. Balma	100 CL	Presidential Theat.
9:30 am - 10:45 am	WG Std Require for Bushings C57.19.01	Bush	S. Zhang	120 MX S2	Ash Grove BC
9:30 am - 10:45 am	WG Shunt Reactors C57.21	PCS	S. Som	275 MX S3	Fairfax Ballroom A
> 9:30 am - 10:45 am	WG Wind Turbine Transf. P60076-16 -- continued from Friday/Saturday	PCS	D. Buckmaster	275 MX S3	Fairfax Ballroom B
10:45 am - 11:00 am	Break (beverages only)			Fairfax / Ash Grove Foyer	
11:00 am - 12:15 pm	WG Liquid-immersed Secondary Network Transformers C57.12.40	UTNP	B. Klaponski	60 MX	Ash Grove A
11:00 am - 12:15 pm	WG Phase Shift Transf. 60076-57-1202	Power	R. Ahuja	80 MX	Great Falls
11:00 am - 12:15 pm	WG Impulse Tests C57.138 (Distribution)	DiTests	TBD	100 CL	Presidential Theat.
11:00 am - 12:15 pm	WG GSU Bushings PC57.19.04	Bush	C. Arpino	120 MX S2	Ash Grove BC
11:00 am - 12:15 pm	WG Guide for DGA in LTCs C57.139	IF	D. Wallach	275 MX S3	Fairfax Ballroom A
11:00 am - 12:15 pm	WG Loss Evaluation Guide C57.120	PCS	M. Miller	275 MX S3	Fairfax Ballroom B
12:15 pm - 1:30 pm	Awards Luncheon -- Doors open ~12:00 pm. Come early, get a good seat, and start eating. -- Advance registration is necessary. Paper tickets are not provided. Admission verified at the door.		B. Chiu	240 RT (8/tbl)	Tyson's Ballroom
	WG Distr. Substation Transf. C57.12.36	Dist	Will not meeting. Document out for ballot.		
1:45 pm - 3:00 pm	TF Fluid Terms Normalization	Stds	P. McShane	60 MX	Ash Grove A
1:45 pm - 3:00 pm	TF Tap-Changer C57.131 / 60214-1	Power	C. Colopy	80 MX	Great Falls
1:45 pm - 3:00 pm	WG 3-ph Transf. Connections C57.105	PCS	A. Bromley	100 CL	Presidential Theat.
1:45 pm - 3:00 pm	WG Revision to Low Frequency Tests	DiTests	B. Poulin	120 MX S2	Ash Grove BC
1:45 pm - 3:00 pm	WG DGA Factory Temperature Rise Tests PC57.130	IF	J. Thompson	275 MX S3	Fairfax Ballroom A
1:45 pm - 3:00 pm	WG DPV Grid Transformers PC57.159	PCS	H. Shertukde	275 MX S3	Fairfax Ballroom B
3:00 pm - 3:15 pm	Break (beverages and Pretzels!)			Fairfax / Ash Grove Foyer	

** Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring a coffee-break at a future meeting.

KEY

Note: A PC projector will be furnished in each meeting room. Arrive early to ensure that equipment operates/syncs correctly.
Overhead projectors are available from the hotel with advance notice.

> -- activity continued into another session / from another session

++ -- not a Transformers Committee activity TBD = "To Be Determined"

FC = flip chart; S1 = sound (special set-up)

S2 = stand mic in front only; S3 = one stand mic in front & stand mic(s) at mid-room

BD -- boardroom

US -- U-shape

RT -- multiple roundtables

CL -- classroom seating (w/head table for 2)

TH -- theater seating (w/head table for 2)

MX -- mix classroom & theater (w/head table)

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Tuesday, October 21 (continued)					
3:15 pm - 4:30 pm	WG Dry-Type Test Code C57.12.91	Dry	D. Foster	60 MX	Ash Grove A
3:15 pm - 4:30 pm >	WG Tap-Changer Applic. Guide 60214-2 -- continued to Thursday pm	Power	C. Colopy	80 MX	Great Falls
3:15 pm - 4:30 pm	WG Test Data Reporting C57.12.37	Dist	T. Callsen	100 CL	Presidential Theat.
3:15 pm - 4:30 pm	WG Application of High-Temp Insulation Materials, IEEE P-1276	IL	M. Franchek	120 MX S2	Ash Grove BC
3:15 pm - 4:30 pm	TF Core Gassing & Grounding	PCS	D. Buckmaster	275 MX S3	Fairfax Ballroom A
3:15 pm - 4:30 pm	TF Switching Transients Induced by Transf/Breaker Interaction C57.142	PCS	J. McBride	275 MX S3	Fairfax Ballroom B
4:30 pm - 4:45 pm	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
4:45 pm - 6:00 pm	WG Neutral Grounding Devices PC57.32	PCS	S. Kennedy	60 MX	Ash Grove A
4:45 pm - 6:00 pm	TF for Cross Reference of IEEE to IEC	Stds	V. Mehrotra	80 MX	Great Falls
4:45 pm - 6:00 pm	WG Tank Pressure Coordinat. C57.12.39	Dist	C. Gaytan	100 CL	Presidential Theat.
4:45 pm - 6:00 pm	WG Transf. Paralleling Guide PC57.153	Power	T. Jauch	120 MX S2	Ash Grove BC
4:45 pm - 6:00 pm	WG Revision to Gas Guide C57.104	IF	R. Ladroga	275 MX S3	Fairfax Ballroom A
4:45 pm - 6:00 pm	WG Revisions to Impulse Test Sections of C57.12.00 and C57.12.90	DiTests	P. Riffon	275 MX S3	Fairfax Ballroom B

Wednesday, October 22 -- Wednesday Breaks Sponsored by Delta-X Research **

No Meeting Registration, No Technical Tours, No Spouse/Companion Tours					
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/companions please)			270 RT (9/tbl)	Tysons Ballroom
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meeting attendees please)			88 RT (8/tbl)	McLean / Vienna
7:00 am - 7:50 am	SC Meetings Planning	Mtgs	G. Anderson	30 CL	Great Falls
7:00 am - 8:30 am	IEC TC-14 Technical Advisory Group -- Breakfast Meeting; arrive early -- All interested individuals welcome	++	P. Hopkinson	80 CL S2	Ash Grove BC
8:00 am - 9:15 am	SC Instrument Transformers	IT	R. McTaggart	40 CL 20 TH	Potomac
8:00 am - 9:15 am	SC Insulation Life	IL	B. Forsyth	300 CL S3 100 TH	Fairfax Ballroom
9:15 am - 9:30 am	<i>Break (beverages only)</i>			F Fairfax / Ash Grove Foyer	
9:30 am - 10:45 am	SC Bushings	Bush	P. Zhao	140 MX S2 (add 60 TH)	Ash Grove ABC
9:30 am - 10:45 am	SC Distribution Transformers	Dist	S. Shull	400 MX S3	Fairfax Ballroom
10:45 am - 11:00 am	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	

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Wednesday, October 22 (continued)					
11:00 am - 12:15 pm	SC UG Transf. & Network Protectors	UTNP	D. Mulkey	140 MX S2	Ash Grove ABC
11:00 am - 12:15 pm	SC Dielectric Tests	DiTests	M. Franchek	400 MX S3	Fairfax Ballroom
12:15 pm - 1:30 pm	Lunch (on your own)				
1:30 pm - 2:45 pm	SC Dry Type	Dry	C. Johnson	140 MX S2	Ash Grove ABC
1:30 pm - 2:45 pm	SC Power Transformers	Power	J. Watson	400 MX S3	Fairfax Ballroom
2:45 pm - 3:00 pm	<i>Break (beverages <u>and</u> treats)</i>			Fairfax / Ash Grove Foyer	
3:00 pm - 4:15 pm	SC Insulating Fluids	IF	D. Wallach	140 MX S2	Ash Grove ABC
3:00 pm - 4:15 pm	SC Performance Characteristics	PCS	E. teNyenhuis	400 MX S3	Fairfax Ballroom
4:15 pm - 4:30 pm	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
4:30 pm - 5:45 pm	SC Standards	Stds	B. Bartley	400 MX S3	Fairfax Ballroom
6:00 pm - 10:00 pm	Dinner Social: Sunset Room at National Harbor Marina. Advance registration required. See flyer for info. -- Buses begin loading at Sheraton at 5:00 pm, last bus departs at 6:00 pm. Dinner served 7:30 pm. -- Buses start loading National Harbor at 8:30 pm. Last bus departs at 9:30 and returns ~10:00 pm.				

Thursday, October 23

No Meeting Registration, No Spouses/Companions Tours, No Technical Tours					
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/companions please)			270 RT (9/tbl)	Tysons Ballroom
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meeting attendees please)			80 RT (8/tbl)	McLean only
8:00 am - 9:15 am	Technical Presentation #1: "TBD", by TBD ** Sponsored by TBD SC. See flyer on website			300 CL S1 150 TH	Fairfax Ballroom (combined rooms)
9:15 am - 9:30 am	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
9:30 am - 10:45 am	Technical Presentation #2: "TBD", by TBD ** Sponsored by TBD SC. See flyer on website			450 MX S1	Fairfax Ballroom
10:45 am - 11:00 am	<i>Break (beverages only)</i>			Fairfax / Ash Grove Foyer	
> 11:00 am - 12:00 pm	Closing Session -- <u>All attendees</u> are encouraged to attend -- See separate document for meeting agenda		D. Platts	450 MX S1	Fairfax Ballroom
Lunch (on your own)					
> 1:30 pm - 5:00 pm	WG Phase Shifting Transformers 60076-57-1202	Power	R. Ahuja	18 US	Ash Grove A
> 1:30 pm - 5:00 pm >	IEEE/IEC Joint Review WG Tap-Changer Application Guide 60214-2	Power	A. Kraemer	100 CL	Presidential Theat.
1:30 pm - 5:00 pm >	IEEE/IEC HVDC Transformers -- continued into Friday	HVDC	U. Radbrandt	18 US	Ash Grove B
1:30 pm - 5:00 pm	EPRI Transformers Task Force -- closed meeting, by invitation only	++	L. Van der Zel	18 US	Ash Grove C

Friday, October 24

> 8:00 am - 5:00 pm	IEEE/IEC Joint Review WG Tap-Changer Application Guide 60214-2	Power	A. Kraemer	100 CL	Presidential Theat.
> 8:00 am - 5:00 pm	IEEE/IEC HVDC Transformers	HVDC	U. Radbrandt	18 US	TBD

** Contact Tom Prevost (tprevost@ieee.org) if you are interested in making a technical presentation at a future meeting.

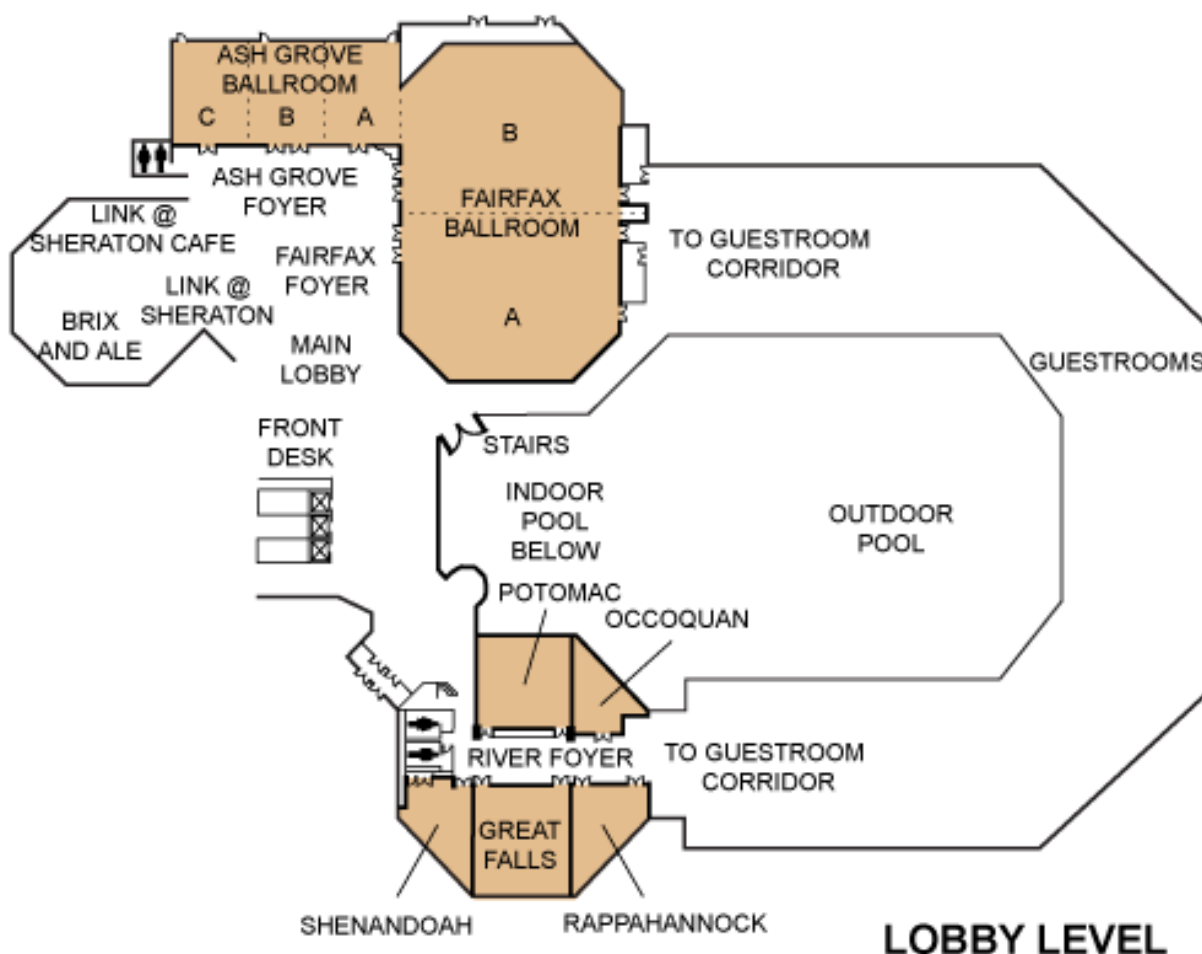
FUTURE COMMITTEE MEETINGS

Spring 2015 - April 12-16; San Antonio, Texas

Fall 2015 - November 1-5; Memphis, Tennessee

Sheraton Tysons Hotel

8661 Leesburg Pike; Tysons, Virginia 22182
(703) 448-1234



Upper Lobby Level

Tysons Ballroom (breakfasts & lunches)

McLean & Vienna (spouses/companions breakfasts)

Premier Boardroom

Falls Church / Westwood / Wolf Trap

Lobby Level (see above floorplan)

Fairfax Ballroom

Ash Grove

Great Falls

Potomac

Lower Lobby Level

Presidential Theater

Jefferson Boardroom

Washington Boardroom

Madison Boardroom

Montpelier Boardroom

Monticello Boardroom