

IEEE/PES TRANSFORMERS COMMITTEE
www.transformerscommittee.org
Fall 2008 Meeting; 5-9 October 2008
Porto Palácio Congress Hotel & Spa; Porto, Portugal
Hosted by EFACEC

NOTES: The schedule of this meeting is "shifted" one hour later than previous meetings.
A vertical line in the left margin indicates a noteworthy revision since last revision.
See Page 5 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 (Floor)</u>
Saturday, October 4 (no meeting registration this day)					
No Meeting Registration, No Meetings, No Social Events					
Sunday, October 5					
"Golf Event" CANCELED					
9:00 am - 3:00 pm	"Porto City Tour". Advance registration required. Limited attendance (limited to one bus). -- Open to attendees and companions. Lunch "on your own" at the cafes. -- The bus will depart the Palácio Hotel at 9:00 am and return by 3:00 pm. -- Includes a visit to the Historic City Centre, Sé Cathedral, Port Wine Cellars, Cafes on the banks of the Douro River, Stock Exchange Palace, and Clerigos Church.				
2:00 pm - 6:00 pm	Meeting Registration				Foyer, Piso 1
<u>3:30 pm</u> - 6:30 pm	Administrative SC -- closed meeting, by invitation only	Admin.	T. Prevost	24 US (w/snack buffet)	Douro, Piso 1
7:00 pm - 9:30 pm	Welcome Reception -- All Attendees & Companions are Welcome! -- Appropriate dress recommended			300 Reception	Porto, Piso 1
Monday, October 6 -- Monday Breaks Sponsored by Amorim Cork Composites, S.A. ***					
Attendee and companion breakfasts are "on your own" (generally provided by your hotel)					
9:00 am - 5:00 pm	<u>Companion Tour: "Guimarães and Braga Cities"</u> . Includes lunch. -- Advance registration required. Buses depart the Palácio Hotel at 9:00 am and return around 5:00 pm .				
8:00 am - 5:00 pm	Meeting Registration				Foyer, Piso 1
8:00 am - 7:00 pm	Internet Cafe'			10 BR	Sousa, Piso 2
<u>8:00 am</u> - 8:50 am	Newcomers Orientation Breakfast Meeting -- Newcomers & Guests are encouraged to attend -- Arrive early! (suggest arrive at 7:45 am)		E. Smith	50 CL	Le Coin Restaurant Piso -1
8:30 am - 10:15 am	IEC TC-14 Technical Advisory Group (all interested individuals welcome)	++	P. Hopkinson	40 CL	3 Rios, Piso 1
9:00 am - 10:15 am	WG Dry-Type Reactors C57.16	Dry	R. Dudley	30 CL	Corgo, Piso 2
9:00 am - 10:15 am	TF Arc Furnace Transformers C57.17	Power	D. Corsi	30 CL	Tâmega, Piso 2
9:00 am - 10:15 am	TF Electrical Partial Discharge Measurements Guide C57.113	DiTests	E. Lemke	100 CL	Douro, Piso 1
9:00 am - 10:15 am	Short Circuit Tests Guide C57.133 and revision to C57.12.90, Section 12	PCS	M. Fortin	150 CL S3	Porto, Piso 1
10:15 am - 10:30 am	<i>Break (beverages only)</i>			Foyers, Piso 1	

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Monday, October 6 (continued)					
10:30 am - 11:45 am	WG Sealed Dry-Type Power Transformers C57.12.52	Dry	S. Kennedy	30 CL	Corgo, Piso 2
10:30 am - 11:45 am	WG Liquid-immersed Secondary Network Transformers C57.12.40	UTNP	B. Klaponski	30 CL	Tâmega, Piso 2
10:30 am - 11:45 am	TF Transf. Tank Rupture & Mitigation	Power	P. Zhao	40 CL	3 Rios, Piso 1
10:30 am - 11:45 am	TF Furan Tests	IL	K. Haggerty	100 CL	Douro, Piso 1
10:30 am - 11:45 am	WG PCS Rev. to Test Code C57.12.90	PCS	M. Perkins	150 CL S3	Porto, Piso 1
11:45 am - 12:00 pm	<i>Break (beverages only)</i>			Foyers, Piso 1	
12:00 pm - 1:15 pm	WG 3-ph Underground Distribution Transformers C57.12.24	UTNP	G. Termini	30 CL	Corgo, Piso 2
12:00 pm - 1:15 pm	SC HVDC Converter Transformers and Smoothing Reactors	HVDC	R. Dudley	30 CL	Tâmega, Piso 2
12:00 pm - 1:15 pm	WG Control Cabinets PC57.148	Power	J. Watson	40 CL	3 Rios, Piso 1
12:00 pm - 1:15 pm	WG Thermal Evaluation of Power and Distribution Transformers C57.100	IL	R. Wicks	100 CL	Douro, Piso 1
12:00 pm - 1:15 pm	WG Revision to Low Frequency Tests	DiTests	B. Poulin	150 CL S3	Porto, Piso 1
1:15 pm - 2:30 pm	<u>Standards Development Review Luncheon Meeting (Special Topic): "An Overview of IEC Transformer Standards and the New Dual Logo Process".</u> -- <u>Everyone</u> is encouraged to attend. -- Advance reservation required. -- No paper tickets. Admission verified at the door.		B. Bartley and J. Sim	100 RT (8/tbl)	Madruza Restaurant Piso -1
2:45 pm - 4:00 pm	WG Thermal Evaluation C57.12.56/60	Dry	R. Wicks	30 CL	Corgo, Piso 2
2:45 pm - 4:00 pm	WG Bar Coding C57.12.35	Dist	G. Termini	30 CL	Tâmega, Piso 2
2:45 pm - 4:00 pm	WG Tap Changer Performance C57.131	Power	W. Henning	40 CL	3 Rios, Piso 1
2:45 pm - 4:00 pm	TF Special Dielectric Test Issues	DiTests	B. Forsyth	100 CL	Douro, Piso 1
2:45 pm - 4:00 pm	WG Frequency Response Analysis (FRA) Guide PC57.149	PCS	C. Sweetser	150 CL S3	Porto, Piso 1
4:00 pm - 4:15 pm	<i>Break (beverages and treats)</i>			Foyers, Piso 1	
4:15 pm - 5:30 pm	TF High Temp. Transformers (New!)	IL	R. Marek	30 CL	Corgo, Piso 2
4:15 pm - 5:30 pm	WG Transformer Paralleling Guide	Power	T. Jauch	30 CL	Tâmega, Piso 2
4:15 pm - 5:30 pm	WG Revision to Impulse Tests	DiTests	P. Riffon/ P. Heinzig	40 CL	3 Rios, Piso 1
4:15 pm - 5:30 pm	WG PCS Revisions to C57.12.00	PCS	S. Snyder	100 CL	Douro, Piso 1
4:15 pm - 5:30 pm	TF IEEE-IEC Cross Reference	Stds	J. Sim	150 CL S3	Porto, Piso 1
5:30 pm - 5:45 pm	<i>Break (beverages only)</i>			Foyers, Piso 1	
5:45 pm - 7:00 pm	<u>Presentation #1: "Indoor Measurement of Transformer Noise Using Sound Pressure and Sound Intensity Methods",</u> by Don Chu, Ramsis Girgis, Chris Ploetner. Sponsored by ASV. **			200 CL S3 (add 50 TH seats in rear)	Porto, Piso 1

** Contact N. Kent Haggerty (n.kent.haggerty@ieee.org) if you are interested in making a technical presentation at a future meeting.

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Tuesday, October 7 -- Tuesday Breaks Sponsored by LDIC Group ***					
Attendee and companion breakfasts are "on your own" (generally provided by your hotel)					
9:00 am - 5:00 pm	<u>Companion Tour: "Aveiro, The Venice of Portugal"</u> . Includes lunch. -- Advance registration required. Buses depart the Palácio Hotel at 9:00 am and return around 5:00 pm.				
8:00 am - 5:00 pm	Meeting Registration				Foyer, Piso 1
8:00 am - 7:00 pm	Internet Cafe'			10 BR	Sousa, Piso 2
9:00 am - 10:15 am	WG Test Requirements for HV Instrument Transformers C57.13.5	IT	R. McTaggart/ P. Riffon	30 CL	Corgo, Piso 2
9:00 am - 10:15 am	WG Phase-shift Transf. Guide C57.135	Power	J. Sim	30 CL	Tâmega, Piso 2
9:00 am - 10:15 am	(TBD)			40 CL	3 Rios, Piso 1
9:00 am - 10:15 am	WG Switching Transients Induced by Transf./Breaker Interaction PC57.142	PCS	R. Degeneff	100 CL	Douro, Piso 1
9:00 am - 10:15 am	WG PC57.152 Field Test Guide (Rev. IEEE 62)	Stds	J. Verner	150 CL S3	Porto, Piso 1
10:15 am - 10:30 am	<i>Break (beverages only)</i>			Foyers, Piso 1	
10:30 am - 11:45 am	WG Loss Evaluation Guide for Distribution Transformers (New!)	Dist	A. Traut/ D. Duckett	30 CL	Corgo, Piso 2
10:30 am - 11:45 am	TF Functional Life Tests, De-energized Tap Changers (DETC)	Power	P. Hopkinson	30 CL	Tâmega, Piso 2
10:30 am - 11:45 am	TF GSU Bushing Standardization	Bush	C. Hurley	40 CL	3 Rios, Piso 1
10:30 am - 11:45 am	TF DGA Natural Ester Fluids	IF	P. Boman	100 CL	Douro, Piso 1
10:30 am - 11:45 am	WG Revision to Loading Guide C57.91	IL	T. Raymond	150 CL S3	Porto, Piso 1
11:45 am - 12:00 pm	<i>Break (beverages only)</i>			Foyers, Piso 1	
12:00 pm - 1:15 pm	WG Loss Tolerance and Measurement	PCS	E. teNyenhuis	30 CL	Corgo, Piso 2
12:00 pm - 1:15 pm	TF External Dielectric Clearances	DiTests	E. Davis	30 CL	Tâmega, Piso 2
12:00 pm - 1:15 pm	TF Transformer Efficiency and Loss Evaluation (DOE Activity)	Dist	P. Hopkinson	40 CL	3 Rios, Piso 1
12:00 pm - 1:15 pm	WG Guide for DGA in LTCs C57.139	IF	F. Jakob	100 CL	Douro, Piso 1
12:00 pm - 1:15 pm	WG Temperature Rise Test Procedures in Section 11 of C57.12.90	IL	P. Powell	150 CL S3	Porto, Piso 1
1:15 pm - 2:30 pm	<u>Speaker Luncheon: "Wind Power & Other Renewables", by Professor António Sá da Costa</u> -- Advance registration is necessary. -- Paper tickets are not provided. Admission verified at the door.			150 CL (8/tbl) with elevated table for 5	Madruga Restaurant Piso -1
2:45 pm - 4:00 pm	WG Revision to IEEE 638	Power	C. Swinderman	30 CL	Corgo, Piso 2
2:45 pm - 4:00 pm	WG HVDC Bushings C57.19.03	Bush	L. Recksiedler	30 CL	Tâmega, Piso 2
2:45 pm - 4:00 pm	WG Voltage Step Regulators C57.15	Dist	Colopy/Kennedy	40 CL	3 Rios, Piso 1
2:45 pm - 4:00 pm	WG Dielectric Test Tables, Liquid-filled	DiTests	P. Hopkinson	100 CL	Douro, Piso 1
2:45 pm - 4:00 pm	WG Revision to Gas Guide C57.104	IF	R. Ladroga	150 CL S3	Porto, Piso 1
4:00 pm - 4:15 pm	<i>Break (beverages and treats)</i>			Foyers, Piso 1	

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Tuesday, October 7 (continued)					
4:15 pm - 5:30 pm	WG Semiconductor Rectifier Transformers C57.18.10	PCS	S. Kennedy	30 CL	Corgo, Piso 2
4:15 pm - 5:30 pm	TF Moisture Estimation in Transformer Insulation (New!)	IL	J. Sim	30 CL	Tâmega, Piso 2
4:15 pm - 5:30 pm	WG Sound Level Measurement Guide	ASV	J. Puri	40 CL	3 Rios, Piso 1
4:15 pm - 5:30 pm	TF Field Applications of Natural Ester Fluids	IF	J. Graham	100 CL	Douro, Piso 1
4:15 pm - 5:30 pm	WG Transportation Issues Guide	Power	G. Anderson	150 CL S3	Porto, Piso 1
5:30 pm - 5:45 pm	<i>Break (beverages only)</i>			Foyers, Piso 1	
5:45 pm - 7:00 pm	Presentation #2: "Frequency Conversion Factors of Measured Transformer Performance Parameters", by Ramsis Girgis and Ed teNyenhuis. Sponsored by PCS. **			200 CL S3 (add 50 TH seats in rear)	Porto, Piso 1

Wednesday, October 8 -- Wednesday Breaks Sponsored by (TBD) ***

No Meeting Registration, No Companion Tours, No EL&P Delegation Meeting					
Attendee and companion breakfasts are "on your own" (generally provided by your hotel)					
8:00 am - 7:00 pm	Internet Cafe'			10 BR	Sousa, Piso 2
9:00 am - 10:15 am	Joint WG Optical Instrument Transformers C57.13/PSIM P1601	IT/PSIM	Rahmatian/ Gilleland	30 CL	3 Rios, Piso 1
9:00 am - 10:15 am	SC Audible Sound & Vibration	ASV	J. Puri	100 CL	Douro, Piso 1
9:00 am - 10:15 am	SC Insulation Life	IL	D. Platts	150 CL S3	Porto, Piso 1
10:15 am - 10:30 am	<i>Break (beverages only)</i>			Foyers, Piso 1	
10:30 am - 11:45 am	SC Instrument Transformer	IT	J. Smith	30 CL	3 Rios, Piso 1
10:30 am - 11:45 am	SC Distribution Transformers	Dist	K. Hanus	100 CL	Douro, Piso 1
10:30 am - 11:45 am	SC Power Transformers	Power	T. Lundquist	150 CL S3	Porto, Piso 1
11:45 am - 12:00 pm	<i>Break (beverages only)</i>			Foyers, Piso 1	
12:00 pm - 1:15 pm	SC UG Transf. & Network Protectors	UTNP	C. Niemann	30 CL	3 Rios, Piso 1
12:00 pm - 1:15 pm	SC Insulating Fluids	IF	R. Ladroga	100 CL	Douro, Piso 1
12:00 pm - 1:15 pm	SC Dielectric Tests	DiTests	L. Wagenaar	150 CL S3	Porto, Piso 1
1:15 pm - 2:30 pm	Lunch (on your own)				
2:30 pm - 3:45 pm	SC Dry Type	Dry	C. Johnson	30 CL	3 Rios, Piso 1
2:30 pm - 3:45 pm	SC Bushings	Bush	F. Elliott	100 CL	Douro, Piso 1
2:30 pm - 3:45 pm	SC Performance Characteristics	PCS	R. Girgis	150 CL S3	Porto, Piso 1
3:45 pm - 4:00 pm	<i>Break (beverages and treats)</i>			Foyers, Piso 1	
4:00 pm - 5:15 pm	SC Transformer Standards	Stds	B. Bartley	150 CL S3	Porto, Piso 1
7:00 pm - 11:00 pm	Dinner Social: Dinner at the "Taylor's Winery". Advance registration is necessary. -- Buses begin boarding at the Palácio Hotel at 6:30 pm. The last bus departs the hotel <u>at 7:00 pm</u> . All buses return to the hotel before 11:00 pm. -- Paper tickets will not be provided. Admission will be verified with a list as you board the bus. -- Appropriate dress recommended.				

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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 in the meeting registration area.

> -- activity continued into another session / from another session
++ -- not a Transformers Committee activity TBD = "To Be Determined"
FC = flip chart; S1 = sound (see note)
S2 = stand mic in front only; S3 = one stand mic in front & stand mic(s) at mid-room

CL -- classroom seating (w/head table for 2)
TH -- theater seating (with head table for 2)
RT -- multiple roundtables (8/table max)
US -- U-shape table
BR -- boardroom arrangement

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Thursday, October 9					
No Meeting Registration, No Companion Tours, No Internet Cafe', No EPRI Meeting					
Attendee and companion breakfasts are "on your own" (generally provided by your hotel)					
9:00 am - 10:30 am >	General Session, Transformers Committee -- <u>All attendees</u> are encouraged to attend. -- See separate document for meeting agenda.		T. Prevost	200 CL S1 elevat. table for 4	Porto, Piso 1
10:30 am - 10:45 am	<i>Break (beverages only)</i>			Foyers, Piso 1	
> 10:45 am - 12:30 pm	General Session, Transformers Committee		T. Prevost	200 CL S1	Porto, Piso 1
Lunch, "on your own"					
2:00 pm - 5:00 pm	<u>Technical Tour</u> : EFACEC Transformers Factory. All attendees and companions are welcome. Buses will depart the Palácio Hotel at 2:00 pm and return around 5:00 pm. Eat lunch beforehand. Does NOT include dinner. The tour of the Rede Eléctrica Nacional (REN) electrical substation is canceled.				
Friday, October 10					
No Transformer Committee Meetings, No Internet Cafe', No EPRI Meeting					
9:00 am - 6:30 pm	<u>Social Tour</u> : "Tour of Douro Valley Region". Includes lunch only. Does NOT include dinner. -- Advance registration required. Buses depart the Palácio Hotel at 9:00 am and return around 6:30 pm.				