

2017 Weidmann 16th Annual Technical Conference

October 2-5
The DeSoto Hotel, Savannah, GA

8/29/2017

AGENDA

Monday, October 2, 2017 – PRE CONFERENCE / 1 DAY TRAINING SESSION

7:00 - 8:00am	Registration and Continental Breakfast	
8:00 - 8:15am	Welcome & Introductions	<i>Nick Perjanik Weidmann Electrical Technology Inc.</i>
8:15 - 10:00am	Representative Fluid Sampling and Insulation Fluid Quality Assessment Testing	<i>Nick Perjanik Weidmann Electrical Technology Inc .</i>
10:00 - 10:20am	BREAK	
10:20 - 11:20am	Safety Issues When Working on Transformers and Tap Changers	<i>Mike Lau Weidmann Electrical Technology Inc .</i>
11:20 - 12:15pm	Transformer Maintenance Practices	<i>Mike Lau Weidmann Electrical Technology Inc .</i>
12:15 - 1:15pm	LUNCH	
1:15 - 2:00pm	A New Approach to Assessing the Quality of Electrical Insulation Through Oil Testing	<i>Nick Perjanik Weidmann Electrical Technology Inc .</i>
2:00 - 3:00pm	Moisture in Insulation and Transformer Dryout	<i>Mike Lau Weidmann Electrical Technology Inc .</i>
3:00 - 3:20pm	BREAK	
3:20 - 5:30pm	Dissolved Gas Analysis	<i>Fredi Jakob Power Education Institute</i>

Please return completed Applications for IEEE CEUs to Event Coordinator.
Return Applications for NETA CTDs to your NETA company representative or directly to NETA.

Continuing Education

As a full participant in the Annual WEIDMANN Technical Conference you will be able to receive:

**.75 IEEE Continuing Education Credits (CEUs); and/or
7.5 NETA Continuing Technical Development Credits (CTDs)**

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Tuesday, October 3, 2017 – MAIN CONFERENCE – Day 1

7:30 - 8:15am	Registration and Continental Breakfast	
8:15 - 8:45am	Conference Welcome	<i>Nick Perjanik Weidmann Electrical Technology Inc .</i>
8:45 - 9:45am	The Value of Performing Power Factor Sweep Measurements on Power Transformers	<i>Brandon Dupuis OMICRON electronics Corp</i>
9:45 - 10:05am	BREAK	
10:05 - 11:00am	Mitigating Murphy's Law While Test	<i>Frédéric Dollinger Haefely Hipotronics</i>
11:00 - 12:00pm	Detection of Mixtures of Faults in Transformers by DGA with Duval Pentagons and Triangles	<i>Michel Duval Hydro Quebec</i>
12:00 - 1:00pm	LUNCH	
1:00 - 1:55pm	Alternative Testing Technologies for Field Diagnostics of Current Transformers	<i>Volney Naranjo Megger</i>
1:55 - 2:50pm	Transient Recovery Voltage (TRV) for High-Voltage Circuit Breakers	<i>Rogério Verdolin Verdolin Solutions Inc.</i>
2:50 - 3:10pm	BREAK	
3:10 - 4:05pm	High Temperature Insulation Systems: An Important Tool in Design of Compact, Mobile or Fast-Deployable Large Power Transformer for Grid Resilience	<i>Jean-Claude Duart Dupont</i>
4:05 - 5:00pm	Internal Transformer Inspections Without Draining Oil From the Transformer Using a Robot	<i>Craig Stiegemeier ABB TRES</i>
5:30 - 7:30pm	Welcome Reception: Beverages and Hors d'Oeuvres	

Wednesday, October 4, 2017 – MAIN CONFERENCE – Day 2

7:30 - 8:00am	Continental Breakfast	
8:00 - 8:30am	Weidmann Corporate Developments	<i>Daniel Tschudi Weidmann Electrical Technology Inc</i>
8:30 - 9:00am	Condition Assessment - the Insulation Manufacturer's View	<i>Peter Heinzig Weidmann Electrical Technology Inc .</i>
9:00 - 9:55am	Effects of Loading on Insulation Degradation as Detected in Narrow Band Dielectric Frequency Response	<i>Robert C. Breazeal Southern California Edison</i>

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AGENDA (*cont*)

Wednesday, October 4, 2017 – MAIN CONFERENCE – Day 2

9:55 - 10:10am **BREAK**

10:10 - 11:05am Categorizing Transformer Faults via Dissolved Gas Analysis *Randy Cox
GE Grid Solutions*

11:05 - 12:00pm The Mystery of Transformer Temperature Rise Test Explained *Stephen Chan
EC & QA Engineering Ltd*

2:00 - 3:00pm **Going Beyond Asset Health Ranking to Include Criticality, Failure Probability, Risk Mitigation and Cost Impacts in Strategic Programs** *Dave Woodcock,
Weidmann Electrical Technology, Inc.*

3:00 - 4:00pm **Government Influence and Regulations of the Smart Grid** *Joseph Donovan
Holland & Knight*

4:00 - 6:00pm **EXPO TRADESHOW**
Includes GREAT EXHIBITS, FOOD, BEVERAGES,
AND CHANCES TO WIN GREAT PRIZES!

Thursday, October 5, 2017 – MAIN CONFERENCE – Day 3

7:30 - 8:00am **Continental Breakfast**

8:00 - 8:50am Effect of the Geomagnetic Induced Currents in Power Transformers *Jorge González de la Vega
ORTO*

8:50 - 9:40am Update on Concepts and New Developments Regarding Cooling Technologies to Maintain the Health of Transformers *Vasanth Vailoor
Trantech Radiator Products Inc.*

9:40 - 9:55am **BREAK**

9:55 - 10:50am Significance of Tertiary Windings in Y-Y Connected Power Transformers *Subhas Sarkar & Vijay Pargaonkar
Virginia Transformer & Georgia Transformer*

10:50 - 11:45pm VAM & DRM Innovative Diagnostic Methods for On Load Tap Changers *Carlos Bittner
Reinhausen Manufacturing Inc.*

12:00 - 12:45pm **BUS DEPARTS DESOTO HOTEL FOR TOUR–
TRANSPORTATION PROVIDED BY WEIDMANN**

12:45 - 1:30pm **LUNCH**

1:30 - 3:30pm **TOUR AT VT/GT RINCON PLANT**

3:30 - 3:35pm **CLOSING REMARKS**

3:35 - 4:30pm **TRANSPORTATION BACK TO DESOTO HOTEL**

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15 NETA Continuing Technical Development Credits (CTDs)**