

# WEIDMANN

## Power Transformer Technology Training Course

May 23-25, 2017  
Hilton Garden Inn, Lynchburg, VA

### AGENDA

4/11/17

#### Tuesday, May 23, 2017 – Design to Installation

7:30 - 8:00am	<b>Registration and Continental Breakfast</b>	
8:00 - 8:20am	<b>Welcome and Introductions</b>	<i>Nick Perjanik WEIDMANN Electrical Technology Inc.</i>
8:20 - 9:40am	Transformers 101	<i>Mike Lau WEIDMANN Electrical Technology Inc.</i>
9:40 - 10:00am	<b>Break</b>	
10:00 - 10:45am	Power Transformer Design	<i>Thomas Hartmann Delta Star</i>
10:45 - 11:45am	Insulation System Design and Considerations	<i>Bruce Forsyth WEIDMANN Electrical Technology Inc.</i>
11:45 - 12:45pm	<b>Lunch</b>	
12:45 - 1:45pm	Transformer Design Considerations from the Commissioning Engineer's Perspective	<i>Stephen Chan EC &amp; QA Engineering Ltd</i>
1:45 - 3:00pm	Mobile Substation	<i>Marion Jaroszewski Delta Star</i>
3:00 - 3:20pm	<b>Break</b>	
3:20 - 4:20pm	Transformer Mechanical Assessment with Sweep Frequency Response Analysis (SFRA)	<i>Volney Naranjo Megger</i>
4:20 - 5:20pm	How to Successfully Witness a Power Transformer Factory Acceptance Test Event	<i>Stephen Chan EC &amp; QA Engineering Ltd</i>

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### Wednesday, May 24, 2017 – Site Acceptance and Diagnostic Testing

7:30 - 8:00am	<b>Continental Breakfast</b>	
8:00 - 9:40am	Insulation Fluid Sampling and Quality Testing	<i>Nick Perjanik WEIDMANN Electrical Technology Inc.</i>
9:40 - 10:00am	<b>Break</b>	
10:00 - 11:00am	Vacuum Dryout and Field Oil Processing	<i>Matti Foster Baron USA</i>
11:00 - 12:00pm	Diagnostics and Location of Transformer Insulation Faults Using Partial Discharge	<i>Charles Sweetser OMICRON electronics Corp</i>
12:00 - 1:00pm	<b>Lunch</b>	
1:00 - 2:00pm	Load Tap Changers	<i>Mike Lau WEIDMANN Electrical Technology Inc.</i>
2:00 - 3:00pm	Transformer Testing	<i>Myron Bell Delta Star</i>
3:00 - 3:20pm	<b>Break</b>	
3:20 - 5:20pm	Dissolved Gas Analysis (DGA)	<i>Fredi Jakob Power Education Institute</i>

### Thursday, May 25, 2017 – Transformer Monitoring and DeltaStar Tour

7:30 - 8:00am	<b>Continental Breakfast</b>	
8:00 - 9:15am	Moisture in Insulation and Transformer Dryout	<i>Mike Lau WEIDMANN Electrical Technology Inc.</i>
9:15 - 9:30am	<b>Break</b>	
9:30 - 10:30am	On-Line Monitoring and Applied Technologies	<i>Mike Lau WEIDMANN Electrical Technology Inc.</i>
10:30 - 11:15am	Condition Based Maintenance and the Integration of Monitoring and Operations	<i>Timothy Daniels WEIDMANN Electrical Technology Inc.</i>
11:45 - 12:00pm	<b>Bus Leaves Hotel for DeltaStar facility</b>	
12:00 - 1:00pm	<i>Lunch at Delta Star</i>	
1:00 - 3:00pm	<b>TOUR OF DELTA STAR</b>	
3:15 - 3:30pm	<b>Bus Travel back to Hilton Garden Inn</b>	

## Continuing Education

As a full participant in the Course you will be able to receive:  
**1.8 IEEE Continuing Education Credits (CEUs); Professional Development Hours; and/or  
18 NETA Continuing Technical Development Credits (CTDs)**

Please Return Completed Applications for **IEEE CEUs to Event Coordinator.**  
Return Applications for NETA CTDs to **YOUR NETA company representative or directly to NETA.**