

IRMC - Iris Rotating Machine Conference

Preliminary Program

May 7 – 19, 2018, Long Beach, California

Sunday, May 06, 2018

4:00 pm to 7:00pm	Conference Registration
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Monday, May 07, 2018

7:00 am	Conference Registration
7:00 am to 8:00 am	Breakfast
TUTORIALS	
8:00 am to 5:00 pm	Partial Discharge Theory & Interpretation Instructor: Howard Sedding
8:00 am to 5:00 pm	Stator Core Testing Instructor: Mladen Sasic
12:00 pm to 1:00 pm	Lunch
1:00 pm to 5:00 pm	Case Histories on Vibration Monitoring to Diagnose Mechanical Faults in Induction Motors Instructor: Bill Thomson

Tuesday, May 08, 2018

7:00 am	Conference Registration
7:00 am to 8:00 am	Breakfast
7:45 am	Welcome
MOTORS SESSION	
8:00 am to 8:30 am	Motor Turn and Phase Insulation Failure Case Studies Sang Bin Lee, Korea University, Korea Heedong Kim, Korea Electric Power Corporation (KEPCO) Research Institute, Daejeon, Korea. Tae-sik Kong, Korea Electric Power Corporation (KEPCO) Research Institute, Daejeon, Korea.
8:30 am to 9:00 am	Case Histories on Vibration Analysis to Detect Faults in Roller Element Bearings in SCIMs - Bill Thomson, EM Diagnostic, Scotland
9:00 am to 9:30 am	Some Cases of High-Voltage Motor Failure and Diagnosis in Pohang Steel Works, Hyunkyu Park, POSCO, Korea
9:30 am to 10:00 am	Break

Tuesday, May 08, 2018 (continued)

TURBINE GENERATORS SESSION	
10:00 am to 10:30 am	Applying the RSO for Uncovering Rotor Shorted-Turns in Turbo-Generators Izzy Kerszenbaum, IZZYTECH Electrical Power Engineering Consulting, USA
10:30 am to 11:00 am	Generator Diagnostics Based on Failure Modes and Risk Assessment Gabor Csaba, Fortum, Sweden
11:00 am to 11:30 am	Generator Overheating (Hotspot) Detection, Michael Hicks, Environment One Corporation, USA
11:30 am to 12:00 pm	TG Rotor Repair After High Cycle Fatigue Failure Howard Moudy, National Electric Coil, USA
12:00 pm to 1:30 pm	Lunch
1:30 pm to 3:00 pm	Keynote Speaker - Gas-Insulated Switchgear: Design, Failure and Monitoring Thomas Linn, Qualitrol, Switzerland
3:00 pm to 3:30 pm	Break
3:30 pm to 5:00 pm	Breakout Sessions (three in parallel) (End users only) <ul style="list-style-type: none"> Turbo Generators Motors Hydro Generators
6:00 pm to 7:30 pm	Conference Reception
7:30 pm onward	Hospitality Suite

Wednesday, May 09, 2018

7:00 am	Conference Registration
7:00 am to 8:00 am	Breakfast
HYDRO SESSION	
8:30 am to 9:00 am	Confirmation of High PDA and Corona Probe Readings on a Large Hydrogenerator Igor Chichkin, BC Hydro, Canada
9:00 am to 9:30 am	Ensuring Quality in Hydro Generator Rewinds Scott Cotner, US Army Corps of Engineers, USA
9:30 am to 10:00 am	Major Fault Caused by Stator Winding Circuit Ring Failure Joël Pedneault-Desroches, Quebec Hydro, Canada
10:00 am to 10:30 am	Break
10:30 am to 11:00 am	Insulation System Comparison: VPI versus Resin Rich Robert Draper, Andritz, Canada
11:00 am to 11:30 am	Cleaning Generators and Partial Discharge – What is the Connection?,

	Gary Peterson, Energy Keeper Inc., USA
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Wednesday, May 09, 2018 (continued)

11:30 am to 12:00 pm	Rehabilitation and modernization of HPP Djerdap 1, Serbia, Europe Todora Lazic, Energoprojekt Hidroinzenjering, Serbia
12:00 pm to 1:30 pm	Lunch
1:30 pm to 2:00 pm	Startup Experience in a New Coil and Bar Shop Robert Draper, Andritz, Canada
2:00 pm to 2:30 pm	Historical ELCID Trending and Analysis Ryan Harrison, ATCO, Canada
2:30 pm to 3:00 pm	PD Progress Report - Impact of Resin and Manufacturing Process on PD Howard Sedding, Iris Power, Canada
3:00 pm to 3:30 pm	Break
3:30 pm to 4:30 pm	Iris Power Users Group Meeting
5:00 pm to 6:30 pm	Walk-in Clinic (bring your PD, flux, ELCID, Endwinding vibration data to be Analyzed)
7:00 pm onward	Hospitality suite

Thursday, May 10, 2018

7:00 am to 8:00 am	Breakfast
TUTORIALS	
8:00 am to 5:00 pm	Advance Partial Discharge Interpretation Instructor: Greg Stone
8:00 am to 5:00 pm	Stator Endwinding Vibration: Causes, Off-line Tests and On-line Monitoring Instructor: John Letal
12:00 pm to 1:00 pm	Lunch