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## IEEE Seminar:

# New Multi-Sensor Online Partial Discharge Testing Technologies for Switchgear and GIS

**Venue:** Room HJ305, Hong Kong Polytechnic University

**Date:** 8 April (Friday), 2016

**Time:** 18:30-20:30

**Speaker:** Mr. Dustin Ashliegh, Power Monitoring and Diagnostic Technology Ltd, USA

### Abstract:

Partial Discharge technology is advancing quickly. New technologies have been introduced and Utilities are finding that PD is quickly becoming a key to maintenance strategies and Asset Management data. Application of and use of the technology is critical to providing return of investment in a short time and preventing costly failures. Appropriate use of the PD sensor technology is very important to the effectiveness of your PD program. How can we differentiate between PD signals and “noise” signals during testing? What advanced PD technology can we use to determine the TYPE of defect and how to locate the defect down to the centimeter?

### Speaker:

Mr. Dustin Ashliegh was born in the USA, Northern California. He received his BSEE at BTS in Brea, CA in 1999 while working for Emerson Reliability Services performing Maintenance testing for Electrical Systems from 1995 to 2000. Since 2000 Dustin has been focused on Online Partial Discharge Technology development for HTTS, Group CBS, EA Technology and in 2013 joined PMDT (Power Monitoring and Diagnostic Technology Ltd., San Jose of USA) as their Vice President - Director of Business Development. Dustin has traveled internationally working with Utilities to develop Asset Management solutions via Partial Discharge testing. He has performed field testing and training in many countries and has enjoyed working in HK previously to identify and locate PD activity.

The seminar is organized by the IEEE-HK Joint Chapter of PES/IAS/PELS/IES, jointly organized with The HKIE Electrical Division, The IET-HK Power & Energy Section and The Institute of Measurement & Control (HK), and supported by EE Department of PolyU. Certificate of attendance will be issued. Presentation materials will be posted to the JC website [www.ieee-hk-2pipi.org](http://www.ieee-hk-2pipi.org) after the seminar.

No prior registration is required. For enquiry, please contact: Dr. C.T. Tse by [eecttse@gmail.com](mailto:eecttse@gmail.com).