



IEEE / HKIE Technical Seminar

High Current Contacts – Characteristics, Testing and Applications – MULTILAM

Venue	The Hong Kong Polytechnic University - Lecture theatre HJ305
Date	22nd July, 2016 (Friday)
Time	6:30 pm. - 8.30 pm.
Speaker	Oliver Semling, Product Manager, Multi-Contact Allschwil, Switzerland

Abstract

For developing a reliable and durable high current contact, plenty of attributes have to be considered. Specific know-how is required to find the appropriate balance between each attribute to be able to fulfill the strong requirements when it comes to high currents and a lifetime of decades. However, this is just half the truth. For being able to guarantee the contact system, the reliability and durability, detailed simulation and testing are required.

The presentation is about showing the correlation between the various attributes and the resulting performance confirmed by testing, using the example of the contact technology MULTILAM by Multi-Contact.

This technology features exceptional electrical and mechanical properties and guarantees exceptionally low contact resistance and low heat generation at the contact point. To serve specific purposes in the various industries, especially in heavy current contacts in the High Voltage industry, a range of special tests are done in R&D process and outgoing QC/QA processes.

The presentation will be completed by a quick glance of Multi-Contact's MULTILAM and contact portfolio as well as application examples. For more than 50 years, Multi-Contact (MC) has been offering sophisticated connector technology. The MULTILAM technology plays a vital role both in standard products and in customer-specific solutions.

Speaker



Mr. Oliver Semling was born in Germany. He continued his apprenticeship as electrician with extension studies as electronic technician between 1991 and 1993. After his studies he worked for Magnetic Autocontrol in Germany as Sales Engineer for Parking and Access Control Systems. In 2002 he received his degree as Technical Business Economist IHK. Since 2003 he took over the position as Sales Manager and in 2006 as Sales Director. Between 2008 and 2012 he gained experience in Project Management and was responsible for the business development for Automated and Biometric Immigration Control in Magnetic Autocontrol.

In 2012 he switched to Multi-Contact in Allschwil, Switzerland and took the position as Product Manager for MULTILAM contact elements.

Oliver is working in various environment and departments and extends his responsibility in Multi-Contact as Business Developer for the contact solutions in the Power Industry globally.

MULTILAM Type - LA-CUD



Socket with MULTILAM LA-CUDD



Modular Connector CombiTac - MULTILAM Technology inside



As seats are limited, **prior registration** is recommended. Registration is on a first-come-first-served basis. The visiting is recommended for 2hours CPD and certificate will be issued upon request.

Organizer:

IEEE (HK) Joint Chapter of Power & Energy Society, Industrial Application Society, Power Electronics Society, Industrial Electronics Society (PES/IAS/PELS/IES JC), The Hong Kong Institution of Engineers, with support from Hong Kong Polytechnic University