



Hong Kong Institute of Acoustics - Vibration Seminar 2: Vibration-based Condition Monitoring – Commissioning and Standards

Speaker: Ir. Dr. Peter Tse, Smart Engineering Asset Management Laboratory
Venue: TU 201, Hong Kong Polytechnic University
Time: 6:30-7:30pm, Wed, 10 Feb 2010 (reception at 6:15pm)
(Please note that the date has been changed from 3rd Feb to 10th Feb 2010)

The aim of condition monitoring is to give early warning of equipment failure so that proper remedy can be arranged just-in-time to avoid fatal breakdown. Vibration-based condition monitoring (VCM) is popular because of having abundant references and easy to install the required sensors. Methods of VCM can be found in International Organization for Standardization (ISO) documents and certification scheme is available for trained and qualified vibration analysts according to ISO 18436. However, many VCM practices do not follow the ISO standards and are conducted without the required expertise. Therefore, a lot of early warnings have been missed and false alarms have been triggered frequently. In this presentation, improper and correct practices will be illustrated with real industrial cases to alert the VCM practitioners.

Ir Dr. Peter W. Tse is currently the Director of Croucher Optical Nondestructive Testing (CNDT) Laboratory and the Smart Engineering Asset Management Laboratory (SEAM) at the City University of Hong Kong. He is also a Guest Professor of the Wuhan University of Technology and Adjunct Professor of the Beijing University of Technology. He is the O-Committee Member of the ISO's Technical Committees 199, 135 and 108. He is a Founder Fellow of the International Society of Engineering Asset Management, a Fellow of the Building Services Operation and Maintenance Executives Society, a Fellow of the Hong Kong Institute of Utility Surveyors. As of today, he has published over 200 articles in various journals and proceedings. Currently, his research outcomes have been applied to over 30 local and international companies.

Registration

The Seminar is free of charge to members of HKIOA and supporting institutes (HKPolyU ME Dept, HKIE MI & MMNC Div.). Non-members are welcome but will be charged at HK\$100 per head to cover administrative costs. For registration, please fill in and submit the form at <http://wal.hk/hkioa/vibration2.html>. Registrations will be served in first-come-first-served basis. Enquiries please send to the undersigned at: who@wal.hk.

Chairman, Vibration Sub-committee of HKIOA