Research Project Collaboration with PolyU

A MPhil research project is launched with Hong Kong Polytechnic University (PolyU) to further develop the WAL Tuned Mass Rail Damper with an advanced resilient material to maximize vibration absorption in both vertical and lateral directions with single layer resilient material.

Theoretically, WAL damper provides vibration absorption more than twice of all other rail dampers in the world. It is the only one damper in the world that suppresses rail corrugation growth as well as rail noise radiation. We target to upgrade the MPhil project to be a PhD project in later stage.

Invited Speech

Wilson Ho is invited to present a keynote speech “Vision on Railway Noise Control” in CHKRI AGM on 09 March 2015. Various rail noise mitigation measures including rail dampers will be discussed.

Planned Papers

We plan to publish 3 papers in international conference as below to share our research results with people over the world:

2. W. Ho, and B. Wong, Correlation between Corrugation and Wheel Squeal, Contact Mechanics 2015.

Previous Newsletters: www.wal.hk/#!news