

IVT - Seminar

**“Railway
Infrastructure Asset
Management”
by Prof. Dr. John
Andrews**

**Tuesday, December 17th,
2013, 12:30-13:30hr**

HIL F 36.1

ETH Hönggerberg, Zürich



Abstract:

There is a diverse range of asset types which comprise a modern railway infrastructure. These include the track, signalling systems, points, and the electrification systems, in addition to the civil structures such as bridges, tunnels and stations. In the UK to run a safe, reliable, and affordable railway, capable of meeting the ever increasing demands from both the passenger and freight markets, requires a very effective approach to asset management. This talk will outline some of the issues involved in railway asset management before taking a more detailed look at how this can be achieved by focussing on two of the asset types: track and bridges.

Presenter's bio:

Prof. Dr. John Andrews is The Royal Academy of Engineering and Network Rail Professor of Asset Management in the Nottingham Transport Engineering Centre (NTEC) at the University of Nottingham. He is also the Director of the Centre for Risk and Reliability Engineering. Prior to this he worked for 20 years at Loughborough University where his final post was Professor of Systems Risk and Reliability.



Organizer: Prof. Dr. Ulrich Weidmann (weidmann@ivt.baug.ethz.ch)

No reservation is required.