



## Transient Modelling and Design of Surge Protection Systems

*With an introduction to Pipe2010: Surge Software*

### **Presenters:**

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### **Outline of Topics:**

Overview of hydraulic transients  
What causes pressure surges in pipeline systems  
Why transient modelling  
How to model pressure surges  
How to control pressure surges  
Case studies  
Overview of Pipe2010: Surge program  
Model Development – Surge Analysis  
Surge tools  
Analysis Results Presentation  
Dynamic Forces – Pre-processor for Pipe Stress Calculations  
ARlavCAD – Air Valve Analysis Software

In Melbourne:  
Surge Seminar 2012  
23rd-25<sup>th</sup> May  
Bayview on the Park  
52 Queens Road  
Melbourne VIC 3004

In Perth:  
Surge Seminar 2012  
28<sup>th</sup>-30<sup>th</sup> May  
Mulberry on Swan  
34 Hamersley Rd  
Caversham WA 6055

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