

## **Assessments in Orthopaedics**

### *LLJ – LifeLongJoints*

Recent results from metal on metal prostheses demonstrated that standards used to assess such prostheses provided little indication of the resulting failure in vivo. Whilst new standards have been agreed they are formed in retrospective manner and denote one of many perhaps possible failure modes. However, the global capacity of simulator testing is insufficient for testing all possible scenarios. Computational simulation may provide a methodology aiding the assessment of joint replacement performance in terms of identifying deleterious scenarios and predicting the levels of wear in these cases. The workshop will discuss these and other issues.