

Chris Leung
United Kingdom



EngD VEIV - Imaging Dynamic Behaviour

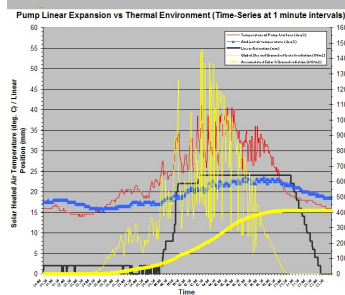
My research investigates how image capture, photogrammetry and sensor technology can help architects and engineers to understand the behaviour of the built environment 'as built and operating'. Working with full-size prototypes this research examines how 'motion-calculus' visualisations might assist in the evaluation of constructed designs. Investigated in parallel are environmental simulations of the system's responsive behaviour. <http://www.chrisleung.org>

The time-lapse images are from the 'Kielder Residency' a collaborative project with Bob Sheil and Phil Ayres

Observational Studies



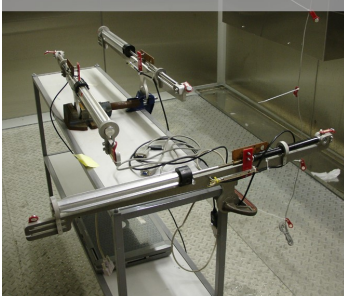
Empirical Performance data



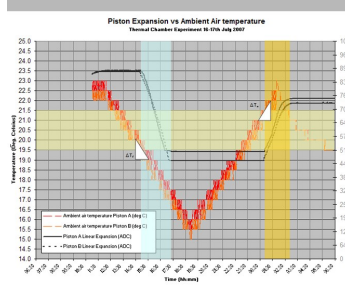
Robotic Remote Monitoring System



Controlled Experiments



Validation Data



System Modelling

