

**Characterisation Facilities Established through
the
ThermExS Lab: Thermal Exergy Storage
Laboratory project**

Philip Eames

Recently installed and commissioned equipment

- Differential Scanning Calorimeter
- Thermogravimetric analysis set and mass spectrometer
- Xenon Flash System with furnace
- High Temperature Rheometer
- Scanning Electron Microscope
- Thermo Mechanical Analysis

Progress to date.



PhD students appointed started 1st July and staff to be appointed

- Jose Pereira-Da-Cunha :- researching in latent heat storage in the temperature range from 80 -150°C
- Dan Mahon :- researching in thermochemical heat storage in the range 60 -120°C.
- RA post advertised
- PhD student to start in October 2014