Impacts of damp & moisture in heritage buildings

Aim: To enhance the level and quality of knowledge exchange between heritage professionals and the research community.

Objectives:

- identify the key research areas and questions from the heritage sector that can be addressed by environmental research;
- identify where knowledge needs can be met from existing or new knowledge derived from research;
- explore opportunities to enhance collaboration between heritage stakeholders and academia;
- ensure that findings from existing research collaborations are rapidly shared across the community;
- consider how best to develop research ideas for projects related to damp & moisture in the heritage environment (focusing on research that can have a significant impact on skills and applications)

10.00	Welcome	Neal O'Leary, CADW
10.10	Introductions	Roger Street, ARCC
10.20	Aims & Objectives	Phil Sivell, ARCC
10.25	Stone decay, water ingress and conservation at Skelmorlie Aisle, UK	Maureen Young, HES
10.45	Correlating maintenance, energy efficiency and fuel poverty for traditional buildings in the UK (Cardiff University with CADW, HE & HES)	Oriel Prizeman, Cardiff University
11.05	Investigating the effects of internal wall insulation on the hygrothermal behaviour of solid brick walls	Iain McCraig, Historic England
11.25	Building Adaptation – use of traditional materials and improving building detailing	Ewan Hyslop, HES
11.45	Practitioners Forum	All
12.05	Conclusions from Case Studies	
12.35/13.05	Tour of Castell Coch (Case Study, 2 groups) / lunch	Michael Davies
13.35	Driving rain: predicting future trends and developing new pointing mortar	Lucie Fusade & Scott Orr Oxford University
13.50	Researcher Perspectives	
14.50	Demonstration of HES Thermal Imaging & Microwave Scanning Equipment/ Coffee (2 groups – 15 mins each)	HES
15.20	Group Discussion to identify priority information and/or research needs	Roger Street, ARCC
16.00	Summary	Neal O'Leary, CADW