



Science and Heritage
Programme



UNIVERSITY OF
BRADFORD
MAKING KNOWLEDGE WORK

The scientific study and conservation of battlefield artefact assemblages

A project funded under the AHRC / EPSRC Science and Heritage Programme

Friday 13th November 2009

9:00am for 9:30 start

Norcroft Conference Centre, University of Bradford

Maps showing the campus layout and its location in Bradford are available at:

<http://www.brad.ac.uk/about/find/>

Large campus map:

<http://www.brad.ac.uk/images/main-campus-big.jpg>

For those who have requested parking passes they will now be available at the reception in the Richmond Building, adjacent to the Norcroft Conference Centre.

Free buffet lunch provided for all those booked in advance (by 9th November at latest – please advise of any special dietary requirements).

Tea and coffee provided for morning and afternoon breaks.

All enquiries to Glenn Foard: email: g.r.foard@leeds.ac.uk tel: 01604 505135

PROGRAMME

20 minutes is generally allocated for each presentation but it is intended that a minimum of 5 minutes of this be set aside for discussion of the issues raised.

9.00-9.30 Registration

9:30-9:40 Welcome, Introduction and housekeeping

Rob Janaway, University of Bradford

Pre-Industrial Period

9.40-10.00

Glenn Foard, University of Leeds

Introduction to the potentials and problems of Pre-Industrial Battlefield Archaeology

10.00-10.20

Simon Richardson, Towton Battlefield Survey

Artefacts and their survival on Towton battlefield

10.20 -10.40

Tony Pollard & Iain Banks, Centre for Battlefield Archaeology, Glasgow University
The Whole Shooting Match: Research agendas for 17th and 18th century battlefield assemblages

10.40-11.00

Lesley Macinnes, Historic Scotland; Damian Shiels, Headland Archaeology
Conflict archaeology curation in Scotland and Ireland

11.00-11.20 Coffee

Materials Science and Novel Technologies 1

11.20-11.40

Andy Wilson, University of Bradford
Soil chemistry, corrosion and potential loss of battlefield artefacts – implications of the EH Fertiliser research with respect to loss of battlefield artefacts

11.40-12.00

Vince Holyoak, English Heritage
EH/Cranfield research on physical damage, compaction and mechanised farming practices: implications for conflict archaeology

12.00-12.20

Dr Evelynne Godfrey, Science and Technology Facilities Council
Rutherford Appleton Laboratory
Non Invasive Neutron Techniques: implications for analysis of battlefield artefacts

12.20-12.40

Dave Starley, Consultant Historical Metallurgist
Ferrous Metallurgy, corrosion resistance and the analysis and curation of battlefield artefacts

12:40 – 12:50

Mike Dobby, Bruker AXS Ltd
Onsite analysis of artefacts using Hand Held XRF

12.50 -1.00 General Discussion on Pre-Industrial themes

1.00 – 1.45 Buffet Lunch

World War I & Modern

1.45-2.10

Rob Janaway
University of Bradford
Challenges of conservation and on-site processing of WWI artefacts

2.10-2.40

Martin Brown

Defence Estates

The things they carried: artefacts burials and identification

2.40-3.10

Louise Loe,

Project Director of Fromelles, Oxford Archaeology

(Roland Wessling, Consultant Forensic Archaeologist, will also be available to answer questions)

Excavation and recovery of human remains and artefacts from Fromelles

3.10-3.30 Tea

3.30-4.00

Rod Scott, No Man's Land Archaeology

Much more than a hazard! Munitions in Archaeology

Materials Science and Novel Technologies 2

4.00- 4.20

Alan Hall, Glasgow University

Metallurgy and corrosion of lead and other non ferrous metal including Aluminium

4.20- 4.30

Rob Janaway & Neville Sharp, Bradford University

Potential application of cadaver dogs to mass grave location

4.30-4.40

Lucy Martin, University of Bradford

Digital and film X-radiography and battlefield artefacts

4.40 -5.30 Discussion and summing up

Rob Janaway, University of Bradford