

# Airborne Laser Scanning and LiDAR: A practical workshop for archaeologists and heritage managers

Friday May 21<sup>st</sup>  
11am to 3.30pm - Owain Glyndwr Centre, Machynlleth

*IfA Wales/Cymru Group with the Royal Commission on the Ancient and Historical  
Monuments of Wales/Comisiwn Brenhinol Henebion Cymru*

Airborne laser scanning (ALS) and LiDAR (Light Detection And Ranging) technologies have been used for environmental and archaeological applications for over a decade, often yielding dramatic results in the landscapes under study. Yet for many archaeologists and heritage managers the technology is still beyond reach for day to day use in projects, surveys and assessments.

How can LiDAR data be searched for and accessed? How can it be used for archaeological survey and what guidelines for best practice are in place? How is the technology developing and what new products are available? This workshop draws together experts in the field of LiDAR to share their experiences, and will conclude with two short case studies from Wales on the use of LiDAR for archaeological monitoring.

## FINAL PROGRAMME

- 10.30 Coffee and arrivals
- 11.00 **Welcome**  
Toby Driver, RCAHMW
- 11.15 **LiDAR resources and how to access them**  
Andrew Richman (Projects Manager, Geomatics Group, Environment Agency)
- 12.00 **Using Airborne LiDAR for Archaeological Survey**  
Simon Crutchley (Head of Aerial Survey Strategy, English Heritage)
- 12.45 **Lunch** – with time for demonstrations and discussion
- 13.30 **Practical use of LiDAR for archaeological projects; experiences from data acquisition to published report**  
Paul Cripps (Geomatics Manager, Wessex Archaeology)
- 14.15 **Using LiDAR in the Teifi Estuary Survey**  
David Maynard (Landsker Archaeology Limited)
- 14.45 **Aerial remote sensing and the coastal promontory forts of Pembrokeshire: a pilot project**  
Toby Driver (Aerial Investigator, RCAHMW)
- 15.10 **Discussion**
- 15.30 Close

## **BOOKING DETAILS**

£15 for IfA members, £18 for non-IfA members, limited number of student bursaries available. Price includes tea and coffee on arrival and buffet lunch. Contact Fiona Gale for more details. Fiona Gale, Denbighshire Countryside Service, Yr Hen Garchar, 46 Clwyd Street, Ruthin, LL15 1HP. Phone 01824 708262; Email: [fiona.gale@denbighshire.gov.uk](mailto:fiona.gale@denbighshire.gov.uk).

*IfA Wales/Cymru AGM to be held beforehand at 10.15am*