

# Using 3D Laser Scanners in Archaeology and Heritage Sectors



3D Laser Mapping is organising the latest in a series of free, application-specific workshops designed to promote a new range of hand-held 3D laser scanners. The latest workshop is aimed at potential users of the Mantis Vision imager from within the archaeological and heritage sectors and will take place on 14 March 2013 at the Creswell Crags Limestone Gorge and Cave Systems near Sheffield, UK.

Event organiser Charlie Whyman of 3D Laser Mapping commented that the Mantis Vision MVC-F5 is suited to the exacting requirements of users within the archaeological and heritage sectors. These sectors demand a lightweight and easy-to-use instrument that can be used in any lighting conditions. The MVC-F5 can capture highly detailed data and accurately record the smallest artefacts without the need to touch potentially delicate or

sensitive assets, Charlie added.

The event will provide potential users with an introduction to the concepts of 3D scanning, with a thorough understanding of the benefits of the hand-held imager. Delegates will have the chance to get 'hands on' with the F5 and learn from experts and peers within their sector.

Being a 3D imager specifically designed to meet the stringent demands of field use, the MVC-F5 is also very suitable for those with little or no experience in laser scanning. The collected data is compatible with common applications and content creation software, and the captured images can be quickly analysed with tools for measuring, triangulation and surface creation.

The one-day event will feature product product demonstrations including documenting Britain's only known Ice Age rock art and recording several interesting bones from the museum's collection of more than 50,000 rare and unusual objects.

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