

# Benefits of Laser Scanning in the Traditional Boats of Ireland Project

**Date:** 19<sup>th</sup> November 2013  
**Time:** 18:30 (Tea/Coffee from 18:00)  
**Venue:** Rochestown Park Hotel

## Synopsis:

A description of laser scanning technology, initially used on a traditional boat project where scanning software was combined with marine architectural software to derive hydrostatic and hydrodynamic constants and sailing characteristics of traditional craft.

This technology has found important uses in marine archaeology, particularly with The Drogheda Boat [1500s] and the Newport ship [1400s]

New applications on the industrial side include scanning and modelling of complex shapes, 3-D printing of components, prototypes and scale models and BIM applications.

## Speaker Bio:

**Donal Lynch** is a former partner of HorganLynch Consulting Engineers who, in retirement has pursued a lifelong interest in Ireland's maritime history.

**Pat Tanner** is an Architectural Technology graduate of CIT and an experienced boat-builder and sailor. He has combined these capabilities to develop the technology of scanning and post processing, first on traditional boats and then on a number of important archaeological ship investigations. He is at present enrolled in a PhD programme at Southampton University on that subject.

Fee/ Booking: Admission is free.

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