



LACONA IX Workshop

3D Colour Object Recording for Museum Collections

Where: University College London, Gower Street, London, WC1E 6BT
Time: 2.02 pm – 7.20 pm
Number of Participants: 40 (Maximum)

Workshop Coordinator: Prof Stuart Robson, UCL, srobson@cege.ucl.ac.uk

Workshop A

High quality 3D colour recording based on sound scientific imaging principles is essential for the generation of digital object data sets intended for Museum and Collection study. This workshop will give participants the opportunity to experience state of the art colour laser scanning and 3D imaging systems working at both individual object and room scales. A brief introduction describing the underlying imaging science behind three complimentary systems with examples of applications will be followed by a series of small group demonstrations. An example of a prototype interactive digital exhibit from the Petrie Museum will also be demonstrated to show what can be developed from a growing library of 3D colour object models. The workshop will complete with a short discussion" participants can exchange ideas and network.

Workshop Schedule:

Introduction

~37 minutes giving basic principles of the available systems and examples of data from a range of different 3D colour image capture devices.

Demonstrations (4 x 57 minutes)

4 parallel demonstrations each running for 57 minutes in groups of 10 people. Each group will visit each demonstration

- 1) Small objects: Colour Laser Scanning
- 2) Small Objects: Imaging Dome
- 3) Room spaces and buildings: Colour Laser Scanning
- 4) Digital Interactive Exhibition (Petrie Museum)

Tea Coffee (30 minutes)

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