SESSION: Lime mortars – properties and uses
INSTRUCTOR: David Odgers
TIME: Thursday, 2nd May/ 11:30-13:00 (1.5 hours)

SESSION OUTLINE

ABSTRACT
Mortars based on lime binders have played a fundamental part in the built heritage in all parts of the world. This session will provide an understanding of the technical and practical implications of their use and how they continue to be an important tool in the conservation of stone buildings, monuments and archaeological sites.

OBJECTIVES
To achieve a sound technical and practical understanding of the way in which lime is made and used and why it is a fundamental material for the built heritage. Participants will be able to recognise the different types of lime and understand when their use might be appropriate. They will have knowledge of the use and properties of lime as a binder in mortars as well as its other applications.

CONTENT OUTLINE
- The properties of:
  - different lime binders,
  - types of aggregate,
  - aggregate distribution,
  - additives,
  - setting mechanism,
  - application and aftercare.
- How these properties can be manipulated depending on the use of the mortar.

READINGS


