



International Course on Stone Conservation SC13

SESSION: Architectural Repairs

INSTRUCTOR: Stephen Gee

TIME: Thursday, 30th May/ 14:30 – 16:00 (1.5 hours) & 16:30 – 18:00 (1.5 hours)

SESSION OUTLINE

ABSTRACT

Four case studies will be used to demonstrate the conservative repair of different English stones: limestone, including chalk, granite and sandstone. Each requires a different approach but many techniques for stone repairs are common to different stone types. Often solutions require a collaborative approach with a structural engineer, conservator, historian and archaeologist as well as the client. Each property has a different aesthetic quality.

OBJECTIVES

To develop strategies for stone cleaning and repair with various levels of intervention based upon a sound understanding of its construction materials.

CONTENT OUTLINE

- Setting priorities: aesthetic, architectural, structural
- Cleaning techniques – a menu
- Stone repair techniques – a menu
- Quality control: pointing, finishes
- Specification and documentation; rectified photography, Excel spreadsheets, cost control
- Record of Repairs, Maintenance Manual
- Contractor selection

READINGS

 = Essential reading material

 = Available online

 Ashurst, John, and Francis G. Dimes, ed. 1990. *Conservation of Building and Decorative Stone*, Butterworth-Heinemann Series in Conservation and Museology. London and Boston: Butterworth-Heinemann.

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