

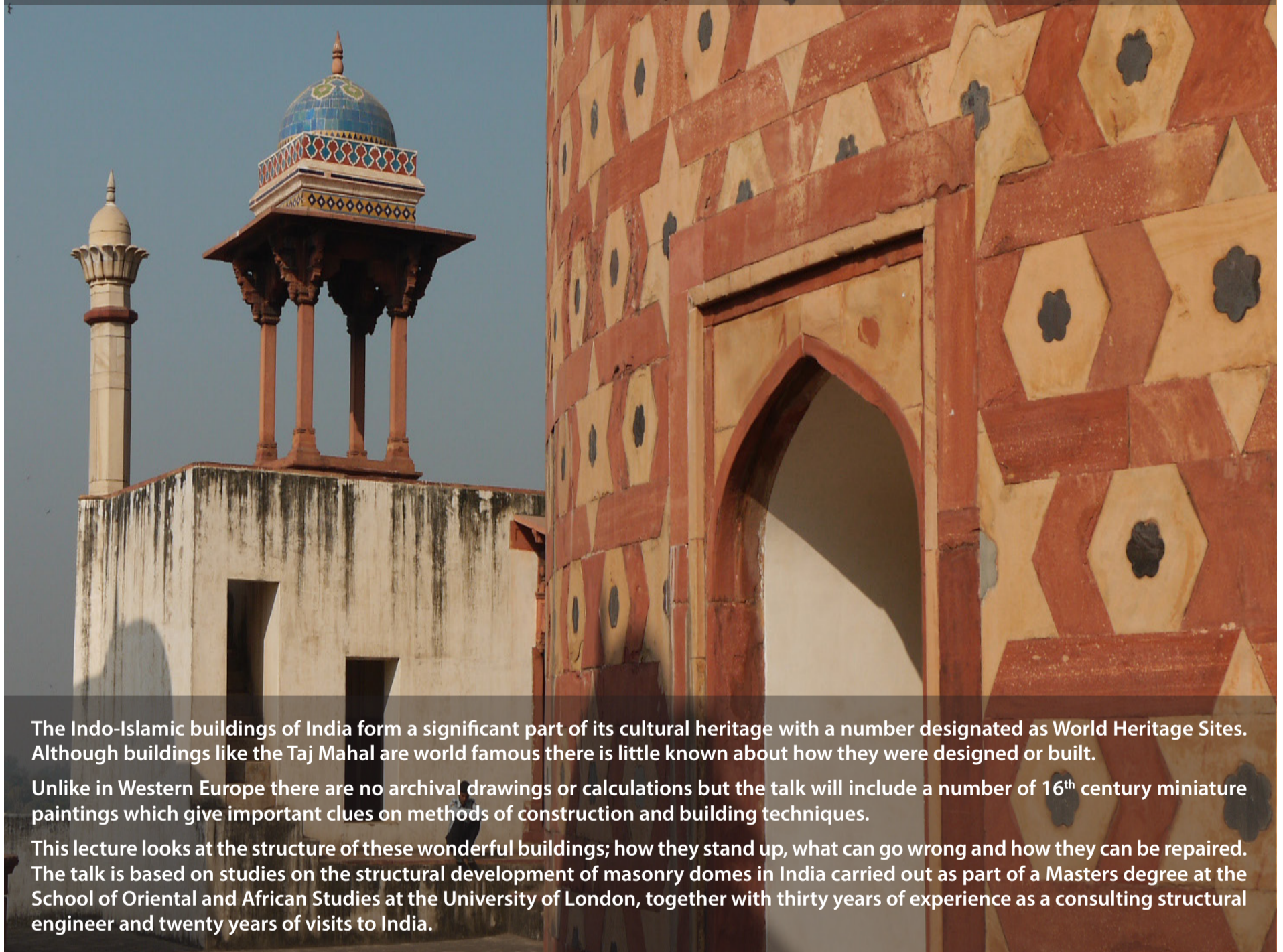
Structural Appraisal and Repair of Historic Buildings in India

STUART TAPPIN London
BSc MA MStructE M.ICOMOS (ISC20C)

26th January 2016

19:15

HS1, LG1A



The Indo-Islamic buildings of India form a significant part of its cultural heritage with a number designated as World Heritage Sites. Although buildings like the Taj Mahal are world famous there is little known about how they were designed or built.

Unlike in Western Europe there are no archival drawings or calculations but the talk will include a number of 16th century miniature paintings which give important clues on methods of construction and building techniques.

This lecture looks at the structure of these wonderful buildings; how they stand up, what can go wrong and how they can be repaired. The talk is based on studies on the structural development of masonry domes in India carried out as part of a Masters degree at the School of Oriental and African Studies at the University of London, together with thirty years of experience as a consulting structural engineer and twenty years of visits to India.

INTERACTIVE PANEL DISCUSSION

Early Reinforced Concrete:

Comparative Development in Germany, Russia and India

Panelists: Stuart Tappin, Sabine Kuban and Vladimir Korensky

Moderator: Smriti Pant

27th January 2016

| IKMZ, 7th Floor Foyer

| 08:30-11:00