ONE-MA³
Materials in Art, Archeology and Architecture
Two weeks of research fieldwork in Italy: Rome, Pompeii and Turin
June 19 - July 2 | Applications due on April 11

Fall 2016
1.S993 Heritage Science and Technology
Special subject consists of lectures and labs on specific topics defined during research fieldwork in Italy.
Pre-Req: ONE-MA³

Led by Professor Admir Masic
For information contact cee-apo@mit.edu
Open to all MIT undergraduates, with a preference to rising sophomores and Course 1 students.

**Week 1:** fieldwork in Privernum and Pompeii to study Roman construction technologies.

**Week 2:** examination and analysis of Baroque architecture and Egyptian technologies in Turin.

This summer research fieldwork is a prerequisite for the Fall 2016 Subject: 1.S993 Heritage Science & Technology Units 2-3-4
• Intensive multiscale characterization of ancient structures and artifacts.
• Interdisciplinary approach and focus on working across scales.
• Hands-on, small group field training (~10 students).

Explore degradation processes of ancient masonry and conservation strategies using on-site 3D survey and material characterization tools.