Visualization and Archaeology at Pompeii

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Digital Jumpstart Workshop
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QuickTime Panoramas | 20 images stitched automatically into a panorama
Geographical Information Systems (GIS) to analyze architectural space and visibility
Low-end 3D reconstructions using computer game technologies (Quake III Engine)
Excavations in Pompeii: The Via Consolare Project
Ortho-rectified Photography for wall sequence recording
Stitched ortho-photography using freeware (Hugin)
3D topographic survey (Total Station) and Sub-surface electro-resistive tomography (Geophysics)
Structure from Motion 3D scanning (open-source with low-cost digital cameras)
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Visualisation with Google SketchUp
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The Quadrifrons Arch (so-called Arch of Janus)

Timeline
- The date of the arch is unknown, but people believe it was built during the 1st and 2nd century AD.
- The arch stands on the right bank of the River Tiber, in the heart of Rome.
- The arch with four faces and four openings was built to commemorate the victory over the Gauls during the Battle of the Allia.
- In the Roman Empire, the arch was a symbol of victory and glory.
- In the Middle Ages, the arch was known as the Arch of Constantine.
Temple of Venus and Roma
VCP Website: www.viaconsolareproject.com

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Anglo-American Project in Pompeii