3-D Medieval Art & Architectural History

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Art & Architectural History by its very nature is three dimensional, but most of the time, when not teaching in situ, we make do with two-dimensional images. As lovely as they can be, they do not *quite* approximate the three-dimensional experience. Using new technology, though, it is possible to present something akin to the real thing.

**Videos:** A number of videos can now be accessed that reconstruct medieval churches now and in the past. Notre Dame, Paris, in particular has been the subject of a number of these studies.

- [http://www.youtube.com/watch?v=HrMcuKxBwBY](http://www.youtube.com/watch?v=HrMcuKxBwBY)
- Also see the work done on medieval sculpture at the Louvre [http://tousmecenes.com/acquisition_ivoires/?goback=.gde_4008284_member_184407165#/trois_dimensions](http://tousmecenes.com/acquisition_ivoires/?goback=.gde_4008284_member_184407165#/trois_dimensions)

**Computer modeling** has also been used to explore the structures of many cathedrals such as:
- Nidaros Cathedral [http://www.youtube.com/watch?v=bm4HCVUekvc](http://www.youtube.com/watch?v=bm4HCVUekvc)
- Bamberg Cathedral [http://www.youtube.com/watch?v=bYM30bqmnnA](http://www.youtube.com/watch?v=bYM30bqmnnA)
- Cologne Cathedral [http://www.youtube.com/watch?v=VhZ1c1jHVSU](http://www.youtube.com/watch?v=VhZ1c1jHVSU)
- Santiago de Compostela [http://www.youtube.com/watch?v=SmVJSmLA7BU](http://www.youtube.com/watch?v=SmVJSmLA7BU)
- Model of Parish Church [http://www.youtube.com/watch?v=OhnLhKyBwg4](http://www.youtube.com/watch?v=OhnLhKyBwg4)

**3-D Printing** And, lately, with the advent of relatively inexpensive 3-D printers, you can now (with the right equipment) print up your own three-dimensional model of a cathedral:
- Video of Cathedral being printed [http://www.youtube.com/watch?v=Bb-IEQt9I2s](http://www.youtube.com/watch?v=Bb-IEQt9I2s)