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3-D Medieval Art & Architectural History

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3-D Medieval Art & Architectural History

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.dailymotion.com/video/xtqrf6_paris-reconstituee-en-3d-le-chantier-de-la-cathedrale-notre-dame_tech?goback=.gde_4008284_member_173861508#.UVwkGzdXoUw](http://www.dailymotion.com/video/xtqrf6_paris-reconstituee-en-3d-le-chantier-de-la-cathedrale-notre-dame_tech?goback=.gde_4008284_member_173861508#.UVwkGzdXoUw)

[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-IEQt9l2s](http://www.youtube.com/watch?v=Bb-IEQt9l2s)

- Print your own model of Reims Cathedral