

## CATENARY SYSTEMS

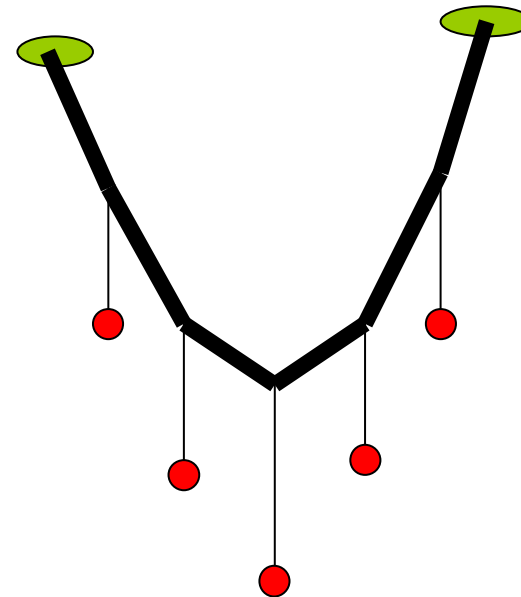
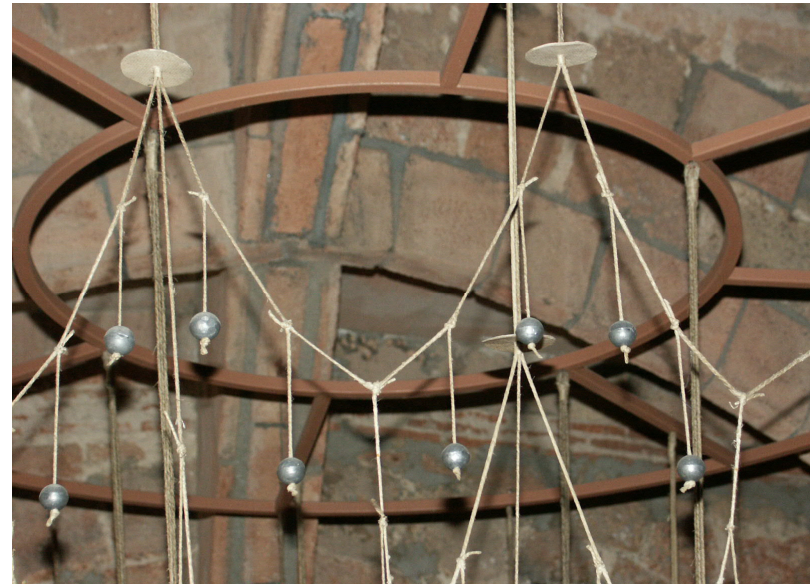
► We are in Barcelona...

« The great book, that is always open and should always be read, is that of nature; other books are extracts from it, and contain the mistakes and interpretations made by men ».

***A. Gaudi***

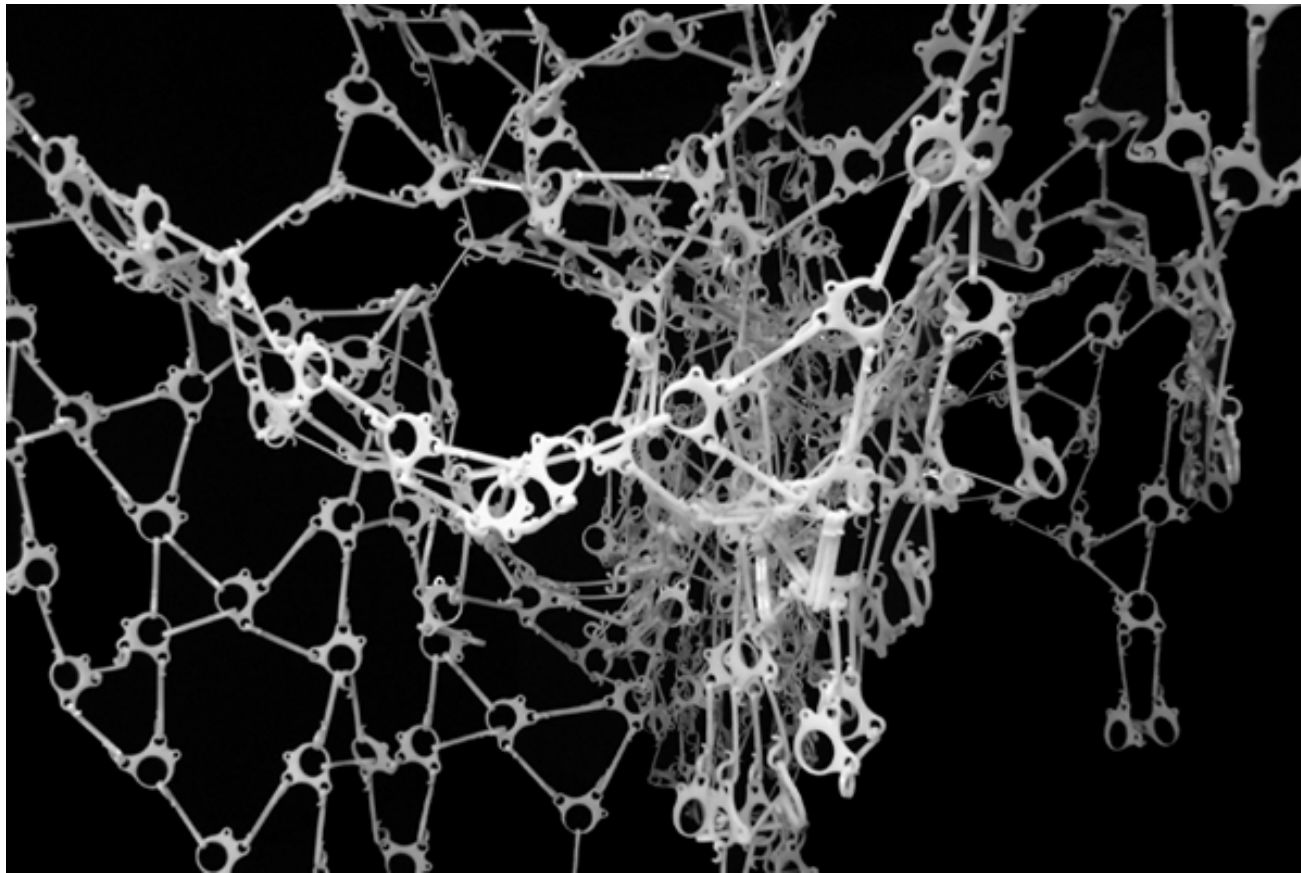


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### ► Recent Works

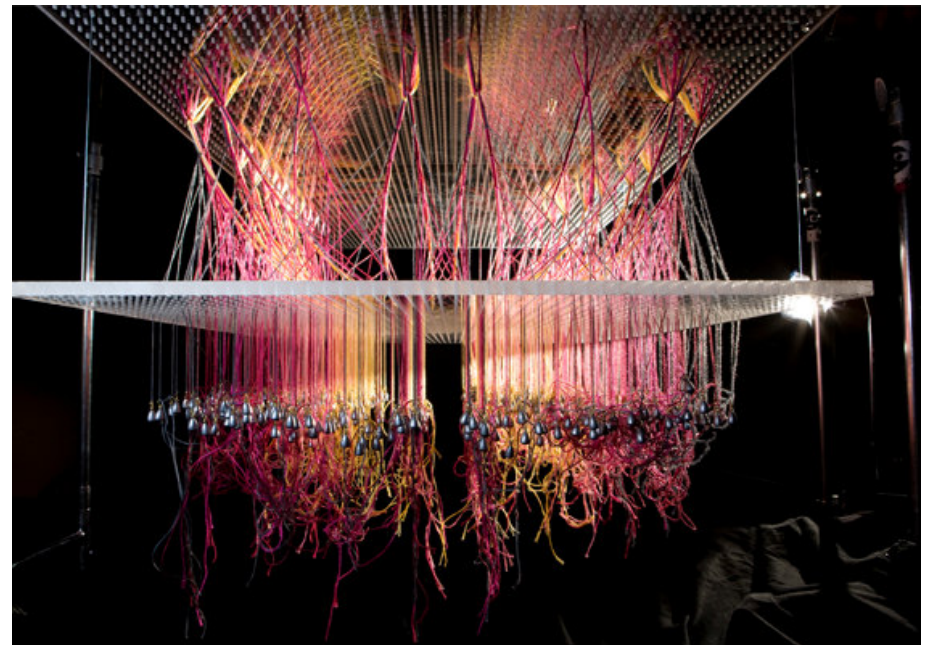
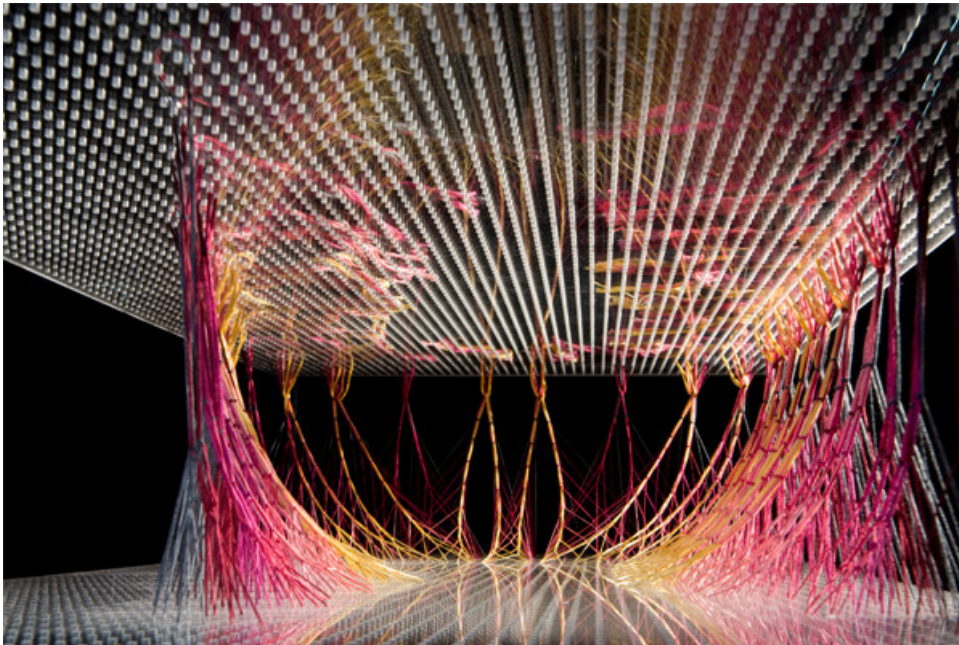


Andrew Holder - 2007



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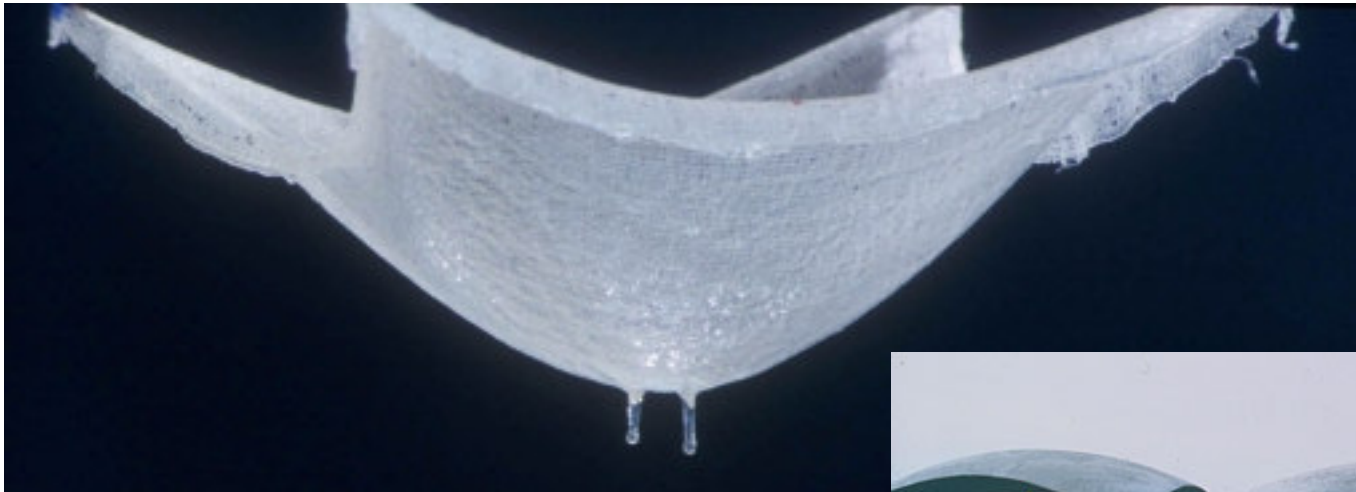
### ► Recent Works



Villa Down – Andrew Holder - 2006

## CATENARY SYSTEMS

- ▶ Extended to surfaces



Heinz Isler - 1968

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### ► Recent works



Marc Fornes – Novembre 2009

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### ► Recent works



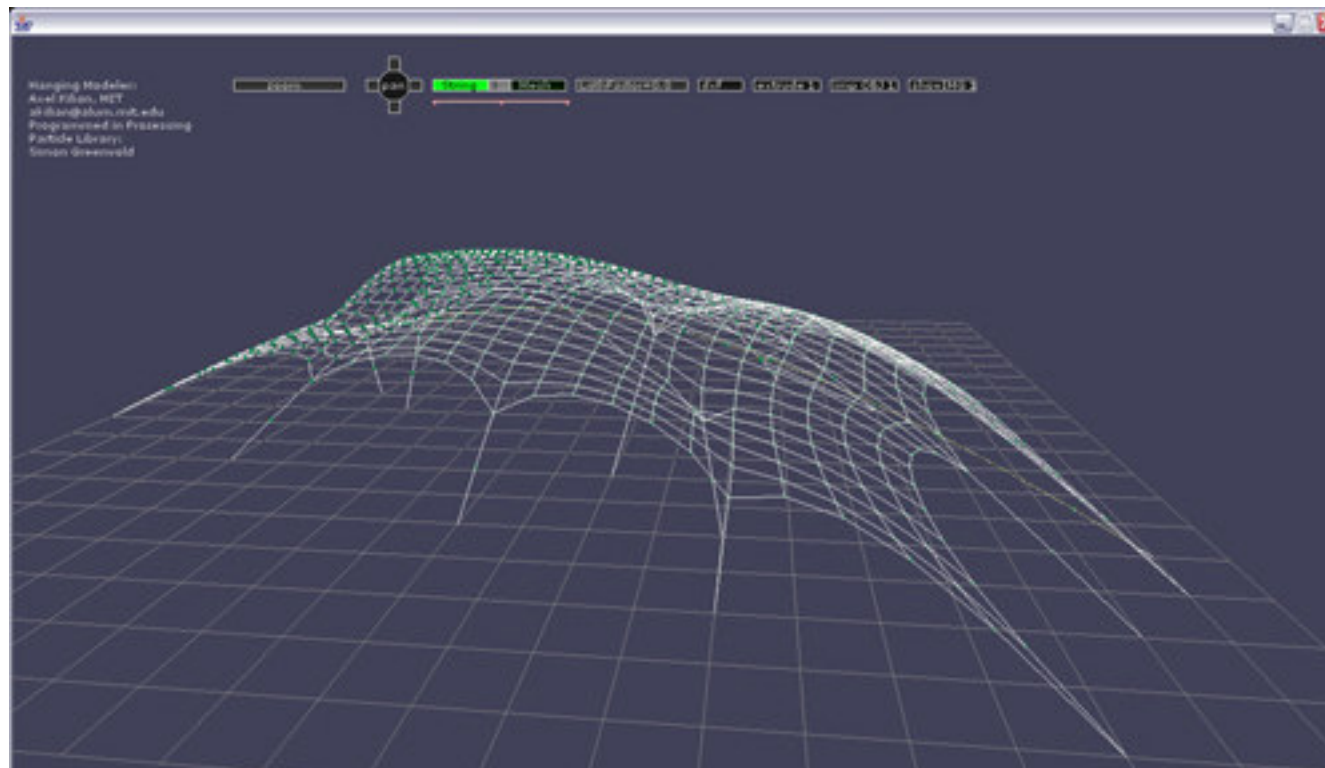
Vussoir Cloud – IwamotoScott & Buro Happold



## CATENARY SYSTEMS

- ▶ Recent works
  - Axel Kilian's work

<http://www.designexplorer.net/newscreens/cadenarytool/cadenarytool.html>





## EXERCICE

- ▶ Experiment 1D and 2D catenary systems