

Sydney Opera House  
Architect Jørn Utzon.



Roof and platform in Chinese architecture.  
Sketch by Jørn Utzon.

**AAKN20 Autumn 2012 7.5 p**  
**Architecture in detail and material 1 -**  
**Tectonics and Space**

**Aim**

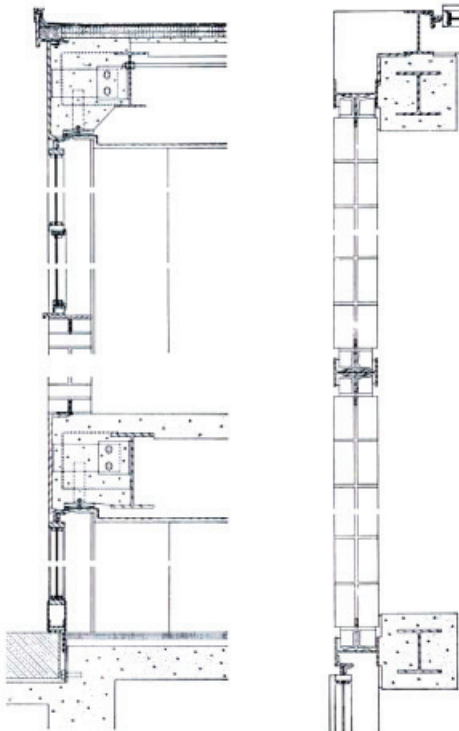
The course will provide insights in architectures tectonic properties and understanding of the construction as a space-making expressive element.

**Content**

The course is based on case studies of a number of buildings with particularly clear and interesting tectonic features. The buildings are covered in lectures, seminars and practical exercises.

The examples are selected from various historical eras to describe universal phenomenon in architecture.

The course is recommended along with the additional project City Space – Dwelling Space 1.

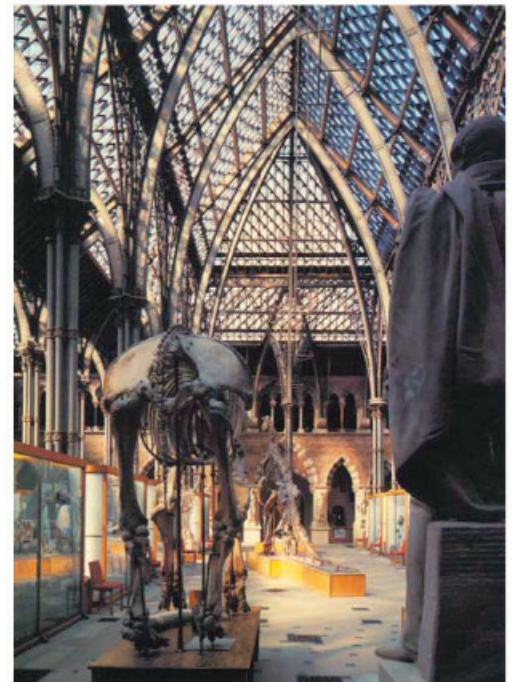


Wall detail from Alumni Memorial Hall, IIT, Chicago  
Architect Mies van der Rohe

Kimball Art museum, Fort Worth, Texas  
Architect Louis I. Kahn

Exemple of architects:

- Filippo Brunelleschi
- Deane & Woodward
- Frank Lloyd Wright
- Erik Gunnar Asplund
- Alvar Aalto
- Mies van der Rohe
- Louis I Kahn
- Carlo Scarpa
- Jørn Utzon



Oxford University Museum  
Architects Deane and Woodward

**Literature**

- Kenneth Frampton: Studies in Tectonic Culture
- Steen Eiler Rasmussen: Experiencing Architecture
- Bruno Zevi: Architecture as Space

Drawings and descriptions is handed out during the start of the course.