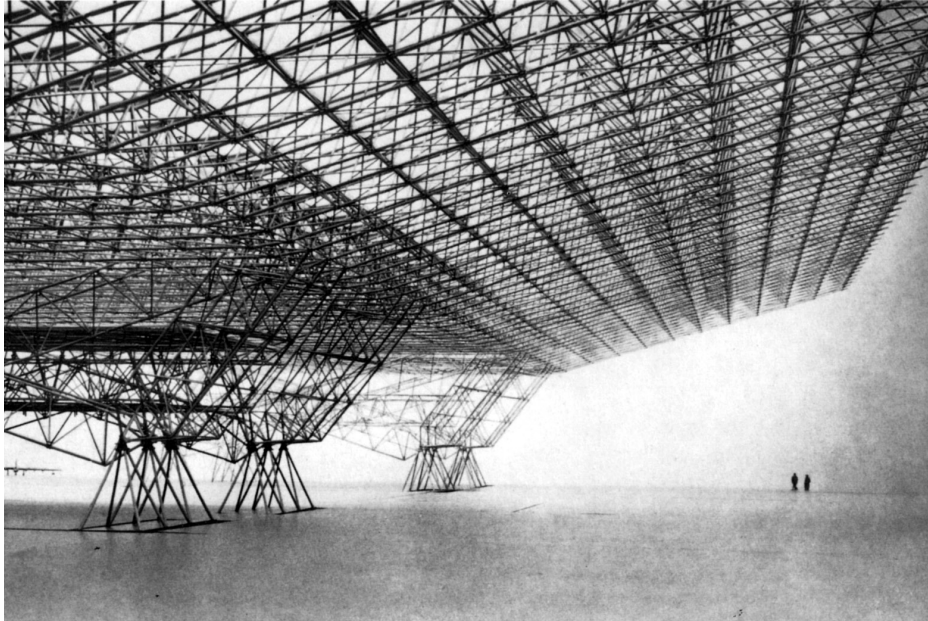


## Core Program Master-Thesis FS 2024: Steel - Construction

Cooperation Partner 1: Prof. Andrea Deplazes

Cooperation Partner 2: Prof. Jacqueline Pauli

Cooperation Partner 3: Daniel Mettler, Bautechnologie und Konstruktion Dozentur Mettler/Studer



Konrad Wachsmann: "Möbilar Structure" 1944

The task is based on a so-called C-task and concerns questions of sustainability, which are dealt with conceptually and constructively. Based on a construction method such as steel, specific properties for the formation of structure and space are investigated and translated into an architectural project.

### Preparation phase:

Conceptual and constructive analysis of steel structures.

Based on this, an architectural idea is to be formulated and possible implications identified.

### Elaboration phase:

Elaboration of an architectural project.

Constructive elaboration, materialisation and architectural expression.

### Further details:

Max. 5 Students

Individual work

Weekly table critiques with the assistant

Regular interim critiques with the professors

### Expected outcome:

Architectural analysis of the steel construction in plan and model

Architectural project in plan and model, 1:200/1:100/1:50/1:20

### Grading:

Design/Conception (AD): 50%

Construction/Realisation (JP/DM): 50%