

# Design Exploration: Swiss Space Center

## Task 5: Final Proposal

### Final Assignment, Submission 5:

Based on your design exploration and the proposals generated in Task 1, Task 2, Task 3 and Task 4 make a final proposal for your building considering the internal space distribution, the circulation the structure and the construction.

#### Presentation

Prepare a presentation (in PDF format, maximum 15 slides A3) with the following content:

- Design Process (Task 1, Task 2, Task 3 and Task 4)
- Final Proposal (Task 5)

#### Panels

Produce four panels (DIN A0, portrait)

1. The first panel is related to the process. This should include the synthesis of task 1, task 2 and task 3 in a clear and structured way. Use sketches, diagrams and pictures of your physical models. Add images of appropriate references to explain your concept. Add a descriptive text explaining the content of this panel.
2. The second panel is related to the urban scale. This should include a global site plan and section in 1:2000 and a local site plan and section in 1:500. Add at least two pictures of your proposal on the physical site model. Include a sequence of images (pictures of physical models or collages) of your final proposal seen from different points of view on the site. Include diagrams showing the circulation and the connection to the existing urban fabric. Add a descriptive text explaining the content of this panel.
3. The third panel is related to the architectural scale and the structural solution. This should include plans and sections in scale 1:100, an axonometric diagram showing the final articulation of the program and structural diagrams explaining the structural principle and the flow of the inner forces. Add at least two images of your proposal showing the quality of the interior spaces (pictures of physical models or collages). Add a descriptive text explaining the content of this panel.
4. The fourth panel is related to the construction and the materialization of your proposal. This should include a general section in scale 1:50 and a façade detail in scale 1:20 or 1:10.

Produce an axonometric detail in scale 1:10 or 1:5 to explain the construction logic of your solution. Add diagrams to explain the construction sequence of your proposal. Add a rendering, a collage or a picture of a physical model that visualizes the material expression of your proposal. Add a descriptive text explaining the content of this panel.

#### Models

Produce a physical model (scale 1:500, to be fitted on to the site model) to explain the relationship between the building, the environment and the landscape.

Build a physical model of your final proposal (scale 1:100) that integrates spatial and structural aspects of your project and the connection to the closer surrounding.

Produce a physical model (scale 1:10 or 1:5) to show the construction system and the materials expression.

Bring all the relevant physical models produced throughout the process.