

Circular Learning Spaces

Re-Using the Huber Pavilions

The diploma thesis proposes a design solution for the **extension of HIL** by **re-using building materials** from the former **Huber Pavilions**. The new, circular ETH Pavilion addresses qualities and the form of learning spaces in relation to **learning behaviorology** and the lack thereof in the existing environment of the HIL building. By re-using construction components of the historic learning scape, the built **character**, as well as the in-between spaces enclosed by the three pavilions, is sustained for **future student** generations in a new design solution.

The **vision** for designing future learning spaces derives from real occurring **learning actions**, and also takes into account theoretical curriculum standards shaped by the historic culture of university architecture. The **form** of the re-use pavilion can be derived directly from its use. Learning spaces are required to provide specific **functions and services**, such as space for individual and/or group **study**, spaces for presentation and **exchange**, as well as **model building** labs and informal spaces.

An **outdoor stage** is constructed utilising the typology of amphitheatres for **collective moments** and encounter. A large **overhanging roof** provides **sheltered outdoor spaces** with additionally **tall room heights**, ideal for model building and **informal moments**. Further, they offer a safe and quiet **indoor space** with furniture for sitting or standing, as well as a table for **work** and pin-up walls for smaller presentations.

The design proposal is labelled an **exploratory object** ("Forschungsobjekt"). The permission thereof can be valid temporarily for **3 years**, requiring a **building permit** issued by the cit of Zurich, acquired with the advisory support of **haubüro insitu**. For the project, the department of D-BAUG will function as **commissioner**, whereas technical and expertise is provided by Wiederverwerke GmbH.

Learning from the preliminary **behavioral observations** and feedback in surveys, we intend to **advance the learning environment** of HIL with a new model for **informalised learning spaces**.

First, a building site was needed, a **network of stakeholders** is involved when negotiating real estate and building projects on campus, namely ETH Real Estate (**ETH Immobilien**). A **140 m²** piece of land was made available next to the garage entrance of the HIL building. After all, certain proposals, such as building on the rooftop of the HIL building, were non-negotiable.

