SUPER – Stuttgart University Program for Experiencing Research

Project Information

Institute’s Information
Name of Institute: Institute for Computational Design and Construction
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Duration of Project/Number of Students
June/July: 
June/July/August: x
Number of Students: 2

Name of Project: Integrative Technologies and Architectural Design Research Project (ICD/ITKE Research Pavilion 2020)

Beneficial Skills & Knowledge: Rhino, Grasshopper, Python, ...

Description of Work
Adaptive Morphology: Between mechanism and material (ICD/ITKE Research Pavilion 2020)

The project offers students the opportunity to engage with the possibilities offered by novel integrative technologies for architecture, both for the processes of architectural design and building construction. The design studio starts in the winter term with initial investigations on the topic and a series of informed fabrication, material and actuation proposals for application as proto architectural systems. The most promising concept developed during the design studio in the winter term will be the starting point for the development and fabrication of the 2020 ICD/ITKE Research pavilion in the summer term. Students joining in the summer will participate in development and fabrication of the pavilion.