Heritage for a Sustainable Future - Pushing sustainability in architecture forward

„Heritage for a Sustainable Future“ aims at urging students to peer into our past for progressing architectural topics in the future. In retrospect, sustainable building systems that respect our planet should be considered and rethought to help shape the cities of the future.

Problem definition

Description
Providing a sustainable future to our existing architectural heritage by keeping a balance between new functions and the distinctive spatiality of an already existing building (Design) while at the same time ensuring its safety (Engineering) - to be able to restore buildings without causing irreversible changes to their structural and architectural features (Conservation-Restoration). The particular challenge lies in the use of natural and local resources and the rediscovery of seemingly lost craftsmanship of masonry.

Key questions
Conceiving novel solutions for the open challenge of revisiting construction systems based on the use of natural stones - so to design, once again, more sustainable constructions that are using local resources responsibly, all the while contributing into the reduction of CO2 emissions.

Links

Skills
TBD

Partner
TBD