

active construction #4

News from the Joint Master of Architecture, Summer 2010

Studio project autumn semester 2010: «Urban Art Museum Lausanne»



Aerial view of warehouses, main station Lausanne

«Urban Art Museum Lausanne», this autumn's studio project supervised by Professor Stephanie Bender, will see students planning a contemporary museum optimally integrated into Lausanne. However, this project is less about creating a new icon than about realising the situation's potential, generating a new kind of urbanity.

Lausanne's three existing museums, i.e. the museums of contemporary art, photography and design, will be brought together and supplemented by additional programmes. On the basis of this realistic task, students pursue the question as to what sort of urbanity an architectural project can create.

Directly situated at Lausanne's central station, this project also enables further research into processes of unbanisation along transport routes.

Collaborating with museum specialists from practical and theoretical backgrounds, we will develop innovative as well as realistic projects. Theme-based workshops will give students the opportunity to develop their projects from different perspectives, while an interdisciplinary seminar taught by Professor Tim Kammasch will provide theoretical underpinnings.

The search for adequate sustainability lies at the centre of each semester project.

Direction and Organisation: Stephanie Bender | Tim Kammasch | Annette Spindler

Studio spring 2010: «The Edge of the Centre»



Modell Intervention

During spring semester 2010, supervised by guest lecturers Philipp Hirtler and Matthias Stocker of «pool architects», the students tried their hands at transforming an industrial area of Bern into an urban quarter with a high percentage of housing. The industrial area «Güterstrasse», situated between the town centres of Bern and Bern-Bümpliz, is part of an area earmarked for residential development. Not unlike an island, it lies within other islands, which are used for various purposes, and clearly marked-off green areas. Originally at the town's edge, it now belongs to its centre.

It is a site particularly suited to run through a planning process that demonstrates the complexities of a new quarter, from urban development and integration into the surroundings to individual

buildings. Team work and workshops proved adequate forms for tackling this diversity of tasks. After analysing the spatial givens as part of a team, students realised, on plots allocated by lot, individual and at times surprising interventions that were later integrated into the situation model in order to discuss standards and regulations applying to the development and utilisation of a future residential area. The students drew on these insights as they prepared three master plans in a further team work exercise. These fairly differing «visions» served as basic structures to be further expanded in the course of individual projects. The students drew up their own space programmes. Project works and master plans were regularly aligned.

Theory seminar autumn 2010: «In Response to the People – the Social Awareness and Responsibility of Architecture»



Aldo van Eyck, Van Hogendorpplein, Amsterdam 1955

The autumn semester 2010 theory seminar S4 will be held in Venice (4–9 October 2010), where we will be dealing with the international discourse on architecture as negotiated at the Architecture Biennale. Curator Kazuo Sejima of Sanaa (Rolex Learning Centre, Lausanne 2010) entitled the 2010 Biennale «People meet in Architecture». We take her cue and discuss the ever topical question as to how far architecture and society mutually influence each other, calling our project «In Response to the People – the Social Awareness and Responsibility of Architecture». We will critically reflect current Biennale contributions and actively participate by taking a stand as we present our own exhibition concept for the Swiss Pavillion. We intend to analyse how concrete architectural interventions (such as designing and positioning body and interstitial volumes, borders and connections etc.) influence humans in their physical and mental movements and social interactions, and discuss ethical-normative considerations that need to be taken into account.

Direction and Organisation: Stanislas Zimmermann | Tim Kammasch | Kathrin Merz

elope: «50m for Basel»



Alvaro Siza: Sports Complex Barcelona

Interdisciplinary and cross-cultural collaboration are among the key competencies of today's graduates. The training and teaching platform elope [embedded learning-oriented project envi-

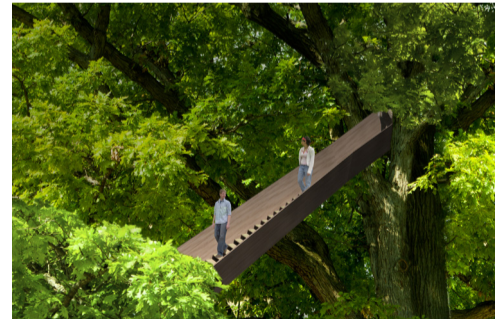
ronment] offers qualified students of the masters program the possibility to acquire such experiences. At the core of the project studios is the implementation of real projects with actual clients. Students of different disciplines from an international network of universities work together by using advanced communication technologies. The next project, starting in September 2010, called «50m for Basel», is based on the fact that the greater area of Basel has no 50m indoor pool. The project was initiated by a local swim club who is interested to realize a 50m indoor pool near Basel. Swimming facilities are important public infrastructures with a long history regarding hygiene and health. Nowadays, these infrastructures are often producing deficits and are, therefore, disliked by governments.

The new elope project is looking for «indoor swimming facilities of the future». The field of therapeutic and wellness baths has under-gone a dramatic design development in the last decade and changed from nearly hospital-like designs to fashion temples. The project «50m for Basel» wants to bring a similar development to the indoor pool with high standards of athletic, as well as financial, technological and design aspects in a sustainable way. A second focus is put on the use and the aspects of acceptance of concrete for urban infrastructures in transformation processes; for example with respect to structure, haptic quality and comfort, thermal and acoustic behaviour, hygienic characteristics as well as ecologic and economic considerations. On a meta-level the project shall provide answers to the question how concrete can be integrated in the industry partner's (CEMEX) innovation strategy. In order to apply these insights the international teams plan a tangible indoor swimming pool. They will work towards a sustainable solution on a real site in Reinach, Switzerland.

Direction and Organisation: Peter Bölsterli | Christoph Holliger | Jeanette Beck | Kathrin Merz

www.ahb.bfh.ch/elope | elope.ahb@bfh.ch

Optionsmodul Wood Research: TREE'P – der etwas andere Weg in den Baum



Visualization TREE'P

To celebrate the 150th anniversary of the botanical gardens in Bern (BOGA), the Bern University of Applied Sciences has prepared a very special present: a «tree staircase».

This different way of experience will give access to a big, strong oak tree via a thrilling architectural construction; a staircase leading the visitors into the tree's canopy, thus opening up new, interesting perspectives.

The interdisciplinary project has been generated in conjunction with students of the Bern University of Applied Sciences specialising in architecture and wood technology. Models and full sized parts of the project were developed and tested during a workshop in the French town of Cantercoel, a laboratory for wood technology.

Vernissage: 15. Juni, 18 Uhr, BOGA Bern
www.boga150.ch

joint master of architecture

Bern University of Applied Sciences
Architecture, Wood and Civil Engineering



What are the benefits of the Joint Master ?

> The competencies to lead an architectural project from the problem analysis to the constructional implementation.

> The working skills for entering competitions; from the initial analysis up to the submission of a competitive project.

> The constructive logics to implement architectural projects into the specific constructional and economical reality.

> The architectural and social competencies needed to lead a team in the planning industry or your own office.

> An internationally accepted university degree allowing you to work abroad and take part in competitions.

International exchange

Students of the Joint Master have the possibility to study one or two semesters abroad at one of the following partner universities: in Aalborg, Ahmedabad, Amsterdam, Bordeaux, Brussels, Dresden, Lisbon, Monterrey, Paris, Seville, Shanghai, or Tokyo.

Collaboration with Fribourg and Geneva



The Joint Master of Architecture is offered by the Bern University of Applied Sciences Architecture, Wood and Civil Engineering (BFH- AHB) in collaboration with the College of Engineering and Architecture of Fribourg and the Haute école du paysage, d'ingénierie et d'architecture de Genève. One theory week per semester takes place in Fribourg and Geneva. Lessons are held in English. The Joint Master studies can be completed in 4 to 8 semesters on either a part-time or full-time basis. The start of the autumn semester is during calendar week 38; closing date for applications is July 31. The start of the spring semester is during calendar week 8; closing date for applications is December 31.

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Further Events of the JMA

Time and place check www.ahb.bfh.ch

15.6.2010 Opening Tree'p Botanical Garden Bern

17.6.2010 Joint Review Burgdorf

17.6.2010 Join the Master Party Burgdorf

21.9.2010 Joint Kick-off Fribourg

30.9.2010 Information event Burgdorf

25.11.2010 Open Doors Burgdorf

The Joint Master Team:

Marco Bakker, Stephanie Bender, Ulrich Baierlipp, Tim Kammasch, Kathrin Merz, Vera Reid, Annette Spindler, Rahel Steffen and Stanislas Zimmermann.

Hes-so
Haute Ecole Spécialisée
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Fachhochschule Westschweiz

Bern University of Applied Sciences
Architecture, Wood and Civil Engineering