

active construction #7

News from the Joint Master of Architecture, Autumn 2011

joint master of architecture

Bern University of Applied Sciences
Architecture, Wood and Civil Engineering

Project studio «Local Campus»



FHNW Muttentz, Pool Architekten, 2011, visualization: maaars

The emphasis of the «Local campus» studio in the autumn term will be placed on designing a school of architecture for the Bern University of Applied Sciences. The campus in Biel affords the unique opportunity to redefine the school of architecture in an urban environment. This undertaking should bring to light the potential and possible interactions between the school of architecture with its campus and the town of Biel. The new building of the school of architecture, in addition to highlighting aspects of urban planning on the campus site, will also seek to answer the question as to how the town and the school could entertain a dialogue on architectural and architectonic aspects.

The studio will be closely accompanied by theoretical as well as practical contributions on the production of text and image, thus providing a tri-lectic dynamics within the study of architecture.

Coordination and organization: guest professor Pascal Müller | Tim Kammasch | Philipp Schaerer | Markus Zimmermann

Lecture series «entwerfen, projeter, disegnaire» Four positions on designing and planning processes



«Corbett's Move» or «Design by Committee» in: *Delirious New York*, Rem Koolhaas, 1994

A design and planning process is not only multi-layered and complex but is also structured and organized in different ways. Four positions demonstrate the complexity of the «Design Myth» between intuition and methodology. The lecture series is organized jointly by the Bachelor and Joint Master in Architecture.

Lectures, each at 7 p.m.

06.10.2011 Luigi Snozzi, Architect, Locarno
«Vive la résistance», Moderation Alain Fidanza
Hodlersaal, Kunstmuseum Bern, Hodlerstrasse 8

13.10.2011 Anita Grams, Architect, Biel
«Gestalten in funktionalen Räumen»
Kornhausforum Bern, Kornhausplatz 18

03.11.2011 Müller Sigrist Architekten, Zürich
«Experiment und Spiel»

PROGR Bern, Kleiner Saal, Waisenhausplatz 30

08.12.2011 E2A Architekten, Zürich

«E2A – Stratification»

PROGR Bern, Kleiner Saal, Waisenhausplatz 30

Theory seminar S1 «De la méthode»

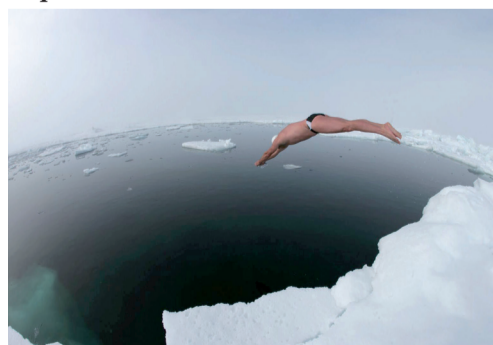


Franz Gertsch, Kranenburg, 1970

The theory seminar S1 in the autumn term is inspired by the title of Descartes' famous «Essai de la méthode» (1637) and deals – also in a historically oriented perspective – with the human, all-too-human cognitive interest in «the» method. An established, methodical process is a precondition for the verifiability of the resulting findings and is considered a criterion for the scientific approach. Theory is a controlled reflection and construction of methods that accompany the practice of architectonic design and verifies the possibilities and limits of its ability to be systematized and taught. Theory thus helps architecture, as a university subject, to hold its own in the competition for research projects funded by third-party grants. In this context, research is part of the design and thus of the practice of architecture. Architecture meanwhile need not invent itself anew but can look back self-confidently and self-critically on the diversity of design cultures it has spawned throughout its long history and draw on a rich empirical knowledge of the interaction, both creative and at the same time fraught with tension, between method and intuition, whose dynamics can be encountered wherever strategies and rules for concrete problem solving are sought creatively and honestly – in the sciences no less so than in the arts. Since we see a diversity of methods as something to be treasured, our efforts in this seminar do not aim towards achieving uniformity. On our voyage of discovery we will receive inputs from many guests: Tina Unruh (Dipl. Arch. Prof. Arch. HSLU), Claire Bonney (Dr., Prof. Art. Hist., BUAS), Stephanie Bender (Dr., Dipl. Arch. EPFL, Prof. Arch. BUAS), Joachim Huber (Dr., Leiter Forschungseinheit Architekturprozesse, BUAS), Florian Dombois (Dr., Founder of the Institute of Transdisciplinarity, BUA, Prof. ZHdK), Luigi Snozzi (Prof. em. EPFL, Dipl. Arch. ETH), Alain Fidanza (Dipl. Arch. ETH).

Coordination and organization: Tim Kammasch | Stanislas Zimmermann | Annette Spindler | Corina Ebeling

elope 7x24x52 Water and Ice



Lewis Pugh, North Pole 2007

Interdisciplinary and cross-cultural collaboration are among the key competencies of today's graduates. The training and teaching platform *elope* [(embedded learning-oriented project environment)] offers qualified students of the

master's program the possibility to acquire such experiences. At the core of the project studios, focusing on a trans-disciplinary design process, 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. *elope* has set its longer-term focus on the topics of Health and Architecture. One facet and challenge concerns the development of adequate public infrastructures for sports in an urban environment. Together with the city of Bern *elope* launches a series of projects in the field of sports facilities. Bern has a long tradition of offering outstanding sports infrastructures; but has, in the near future, to massively re-invest in these facilities. This enables *elope's* trans-disciplinary teams to go one step further and understand this need as a chance to establish unique urban solutions that may set new benchmarks for many European cities. The 4th *elope*-project will explore these potentials and support the city of Bern in this endeavour. Based on the city of Bern's «sports- and fitness-concept» the teams will investigate the development of the complex urban situation in the Weyermannshaus area as a representative case study.

For more information contact elope.ahb@bfh.ch

Coordination and organization: Peter Bölsterli | Christoph Holliger | Kathrin Merz | Corina Ebeling

Retrospect Project studio «Wood living»



House models master studio FS 2011

During the spring term, the students addressed the development of a prototypical housing scheme which represents a resource-efficient lifestyle and integrates the timber industry of a region. The property to be developed in Oberburg belongs to the Civic Community of Burgdorf, also the largest forestry owner in Burgdorf. In a first phase, different master plans were created for the area and rules regarding building density, site development and overreaching outside spaces were defined. The site plans served the students as a basis for their individual design projects. Upon consideration of current requirements, the aim was to achieve the maximum spatial diversity taking into account a high spatial efficiency. With the help of students of the Master in Wood technology, the use of timber in the objects was explored and integrated. An interdisciplinary series of lectures demonstrated the potentials of using local resources in architecture and construction. Throughout the entire term, the students' involvement with questions of urban planning as well as architectonic and also structural aspects was encouraged.

Coordination and organization: guest professor Pascal Müller | Tim Kammasch | Markus Zimmermann

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.

www.ahb.bfh.ch | www.jointmaster.ch
master.ahb@bfh.ch | Tel: +41 34 426 41 74

Further Events of the JMA

Time and place check www.ahb.bfh.ch
or www.jointmaster.ch > news

20.09.2011 Joint KickOff, Fribourg

20.09.2011 Info evening, Burgdorf

01.11.2011 Open Day, Burgdorf

17.11.2011 Meet the Master, Burgdorf

18.01.2012 Final Review *elope*, Burgdorf

20.01.2012 Final Review Studio, Burgdorf

The Joint Master Team:

Marco Bakker, Stephanie Bender, Ulrich Baierlipp, Corina Ebeling, Tim Kammasch, Kathrin Merz, Pascal Müller, Vera Reid, Annette Spindler, Rahel Steffen, Markus Zimmermann und Stanislas Zimmermann.

Hes-so
Haute école spécialisée
de Suisse occidentale
Fachhochschule Westschweiz

Bern University of Applied Sciences
Architecture, Wood and Civil Engineering