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Tectonics in Building Culture III: CONCRETUM

Erasmus Intensive Program 2010, Denmark, 17th to 28th of August 2010

University of Liechtenstein, Institute of Architecture and Planning, Vaduz (Coordinator)

Royal Academy Copenhagen, School of Architecture, Denmark
(Organiser)

Academie van Bouwkunst, Amsterdam

Norwegian University of Science and Technology, Faculty of Architecture and Fine Art, Trondheim

Sint-Lucas School of Architecture, Brussels/Gent

University College Dublin, School of Architecture, Ireland

Universitat Polytècnica de Catalunya, School of Architecture of El Vallès, Barcelona, Spain

University of Ljubljana, Faculty of Architecture, Slovenia



TECTONICS IN BUILDING CULTURE

The "Tectonics in Building Culture"-series started in Holland 2008 and opened a new field of research where tectonic aspects in buildings were materialised. To learn from bricks meant questioning our knowledge about a well-known material. Reflecting while working allowed discovering the properties of the material and finding the according building technique in a process of repeated steps. Without using any tools or mortar, a specific craftsmanship had to be cultivated which established an intensive experience that blurred the line between Building and Architecture.

TEXTILE BLOCKS

The Erasmus Intensive Program 2009 was a profound opportunity to study the tectonics of dry stone walls. Gravity and adhesion only guaranteed the structures to hold. Reflecting about a material in such a direct and physical way not only stimulated an immediate learning process but also fuelled a working period of almost two weeks at the West coast of Ireland. Working with uncut stones raised questions concerning the principles of static, the generic character of the material and the possibilities of joining without using cement.

CONCRETUM

This summer we will live and work on a small Island near Sweden called Nexø. After brick and dry stone our focus will be concrete. By building prototypes and structures, the project will try to animate to experience the essential principles of constructing. Dealing with concrete means to build a suitable formwork and to reinforce the conglomerate with an inner skeleton. An experimental approach will lead us to new techniques.

Participants: 4 - 6 Architecture students from each University

Costs: Euro 400.00 including travelling and accommodation