

Information Architecture

October 22 - 26, 2012
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Public Projections

Learn 3D animation, perform publicly!

Keywords: Perspective Illusions, 3D Modeling / Rendering, Blender 3D, Percent for Art (Kunst am Bau), VFX, Urban Scale Interaction/Animations

In this week you will learn about the key concepts of projection mapping and the open source software "Blender 3D". You will produce animations that intend to alter the perception of a building's facade or interact with the facade in a funny/graphical/informative way.

Using Blender you can either dig in deeper in what you already know about 3D visualization or use this opportunity to learn how to model and render in 3D from an animation point of view (photorealism not necessary, different level of detail). This should be easily adoptable to your own projects and/or favourite 3D render software.

For one week we will learn the basics of 3D animation during daytime and project the outcome of our exercises at the bistro facade here at Höggerberg in the evening. Therefore we will start at 11 a.m. and finish at around 9 p.m. In order to learn about the basic modelling capabilities of Blender we will start at 9 a.m. on Monday.

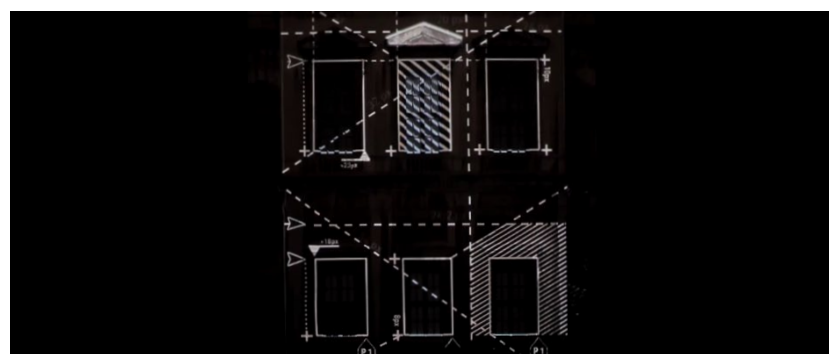
Get inspired by the results of a seminar week of the Technical University of Istanbul (<https://vimeo.com/23759892>) and by the results of a few thesis electives from Information Architecture last December (<https://vimeo.com/35514214>) and the latest works shown at the Stadtfest Baden (<http://www.ia.arch.ethz.ch/fotos/badenprojections/>).

Painted spatial illusions have a long tradition (image 2,3). You will try to incorporate such illusions into video mappings by using Blender for its 3D animation capabilities and by using one of our scripts, that allows you as the artist to move around the viewpoint for which your illusion is being created: for instance Edgar Muller's illusion is working only in one spot. You will be able to move this spot in your animation.

Location: HIT H12

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Spatium, Architectural Video Mapping Workshop, Istanbul, 2011



The Crevasse by Edgar Muller, Dun Laoghaire, 2008



Sant'Ignazio di Loyola in Campo Marzio, Rom, by Andrea Pozzo 1685