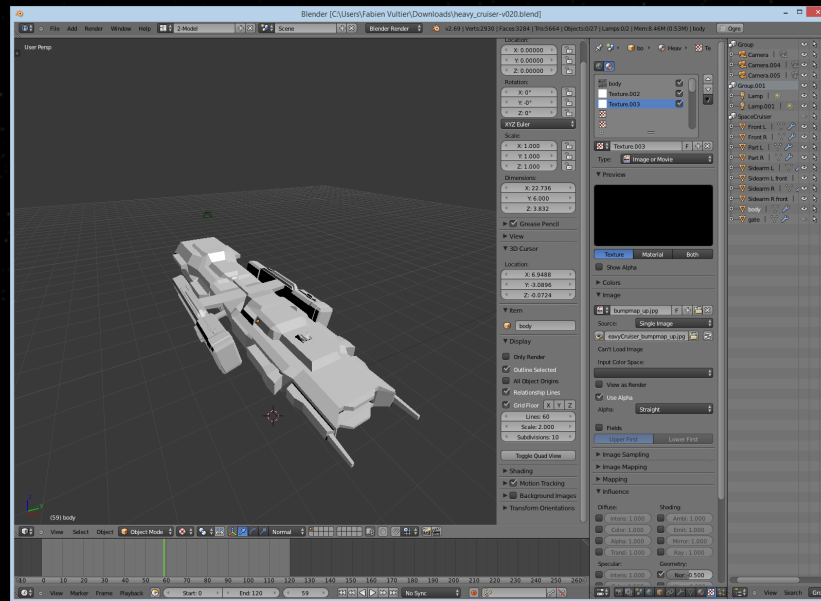# Orxonox

Einführung in Blender

Orxonox

Was ist Blender?

- 3D Software
  - Modellierung, Texturierung, Animation, Rendern

- open-source seit 2003

- vergleichbar mit kommerzieller Software
  - Spiele
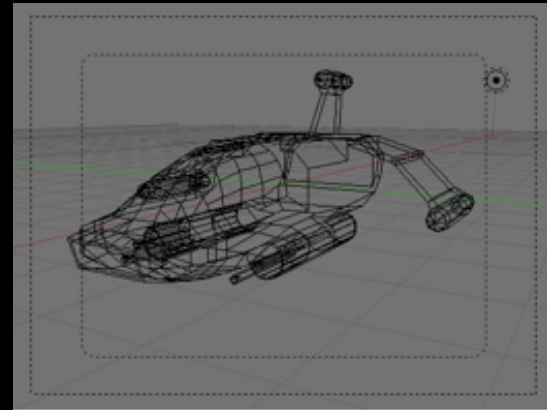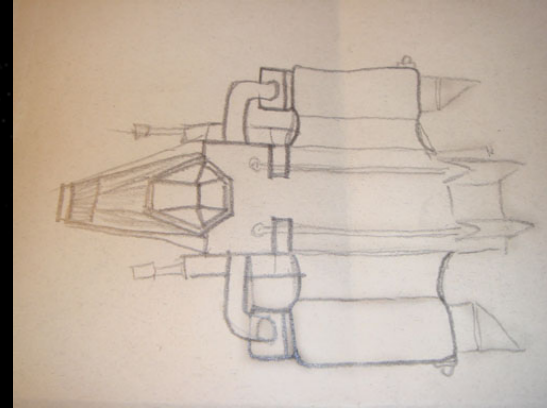 - Animationsfilme
  - Werbung
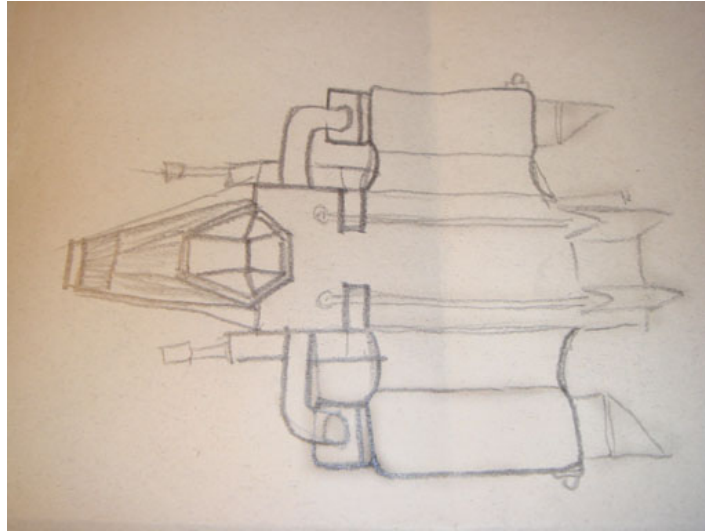 - Design

Orxonox

Modelling

1. Vorarbeit: Inspirieren lassen, Skizze anfertigen

2. Modell in Blender realisieren
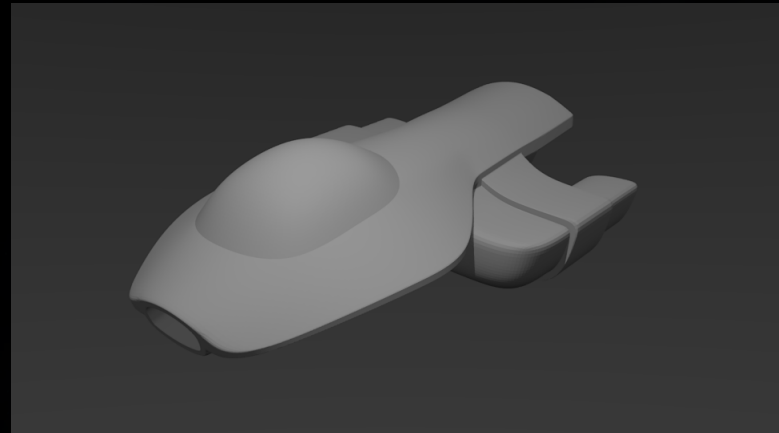
3. Texturieren

4. Import ins Spiel
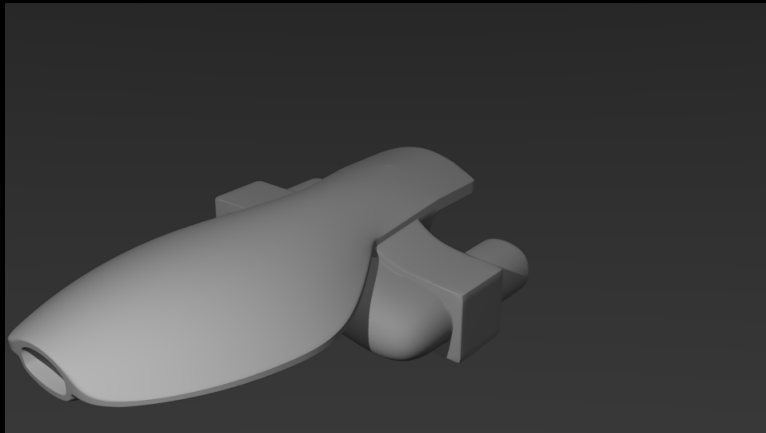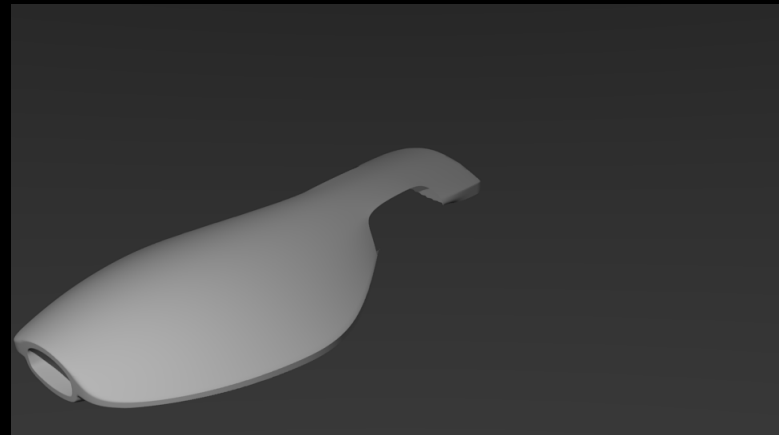
Orxonox

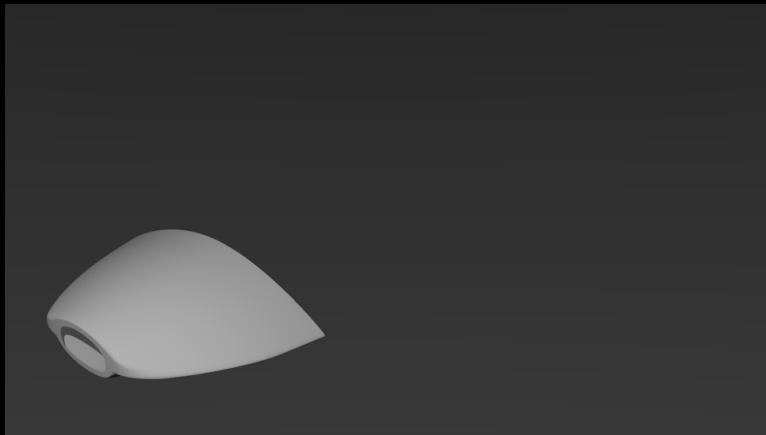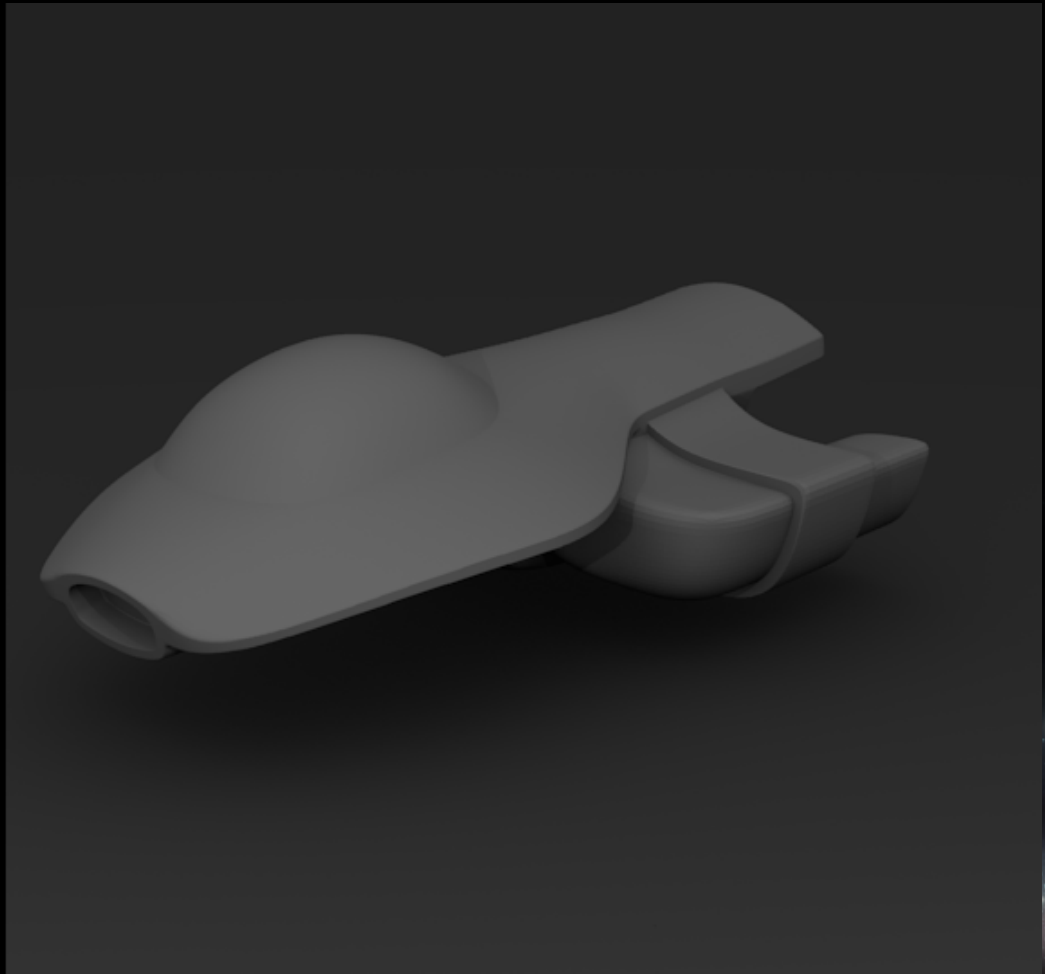## 1. Idee

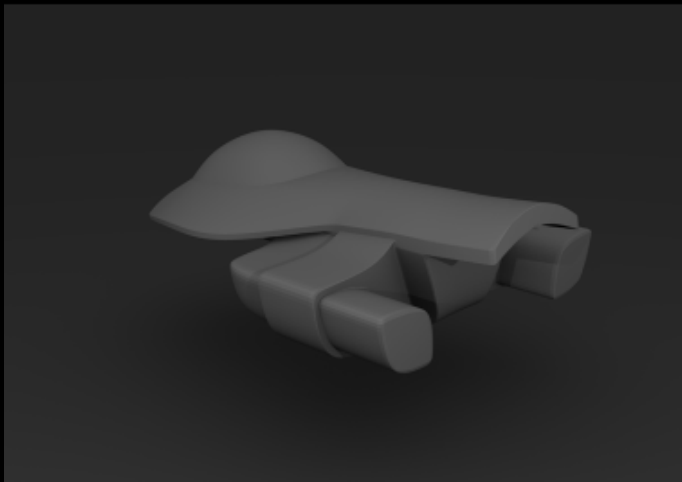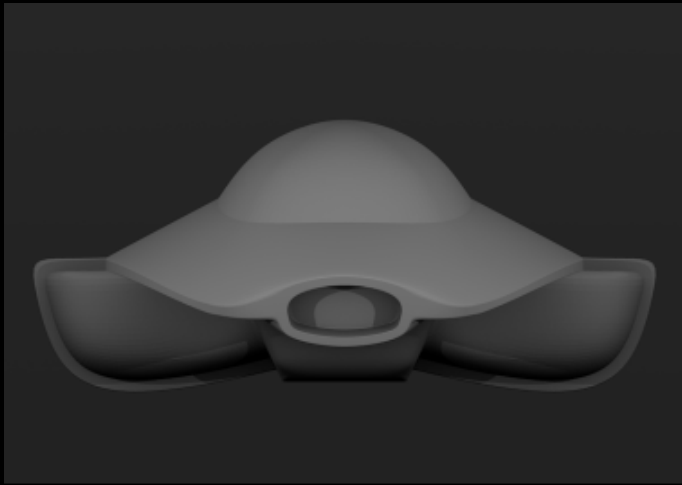http://conceptships.blogspot.ch/

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2. Modelling in Blender

Orxonox

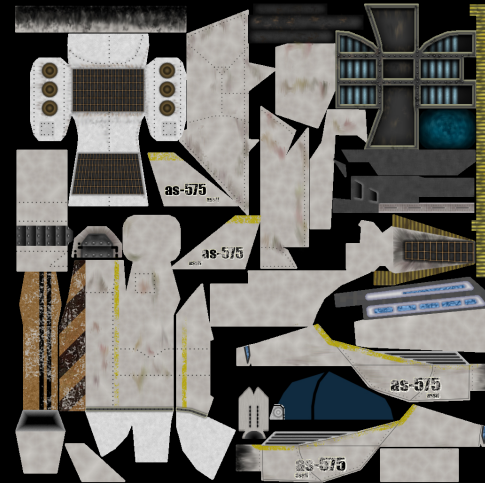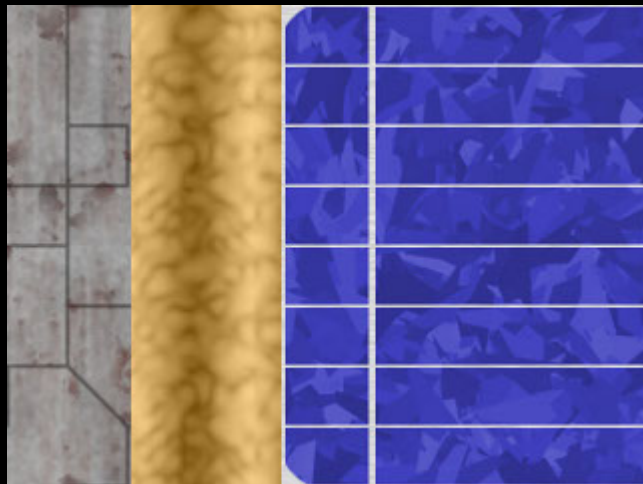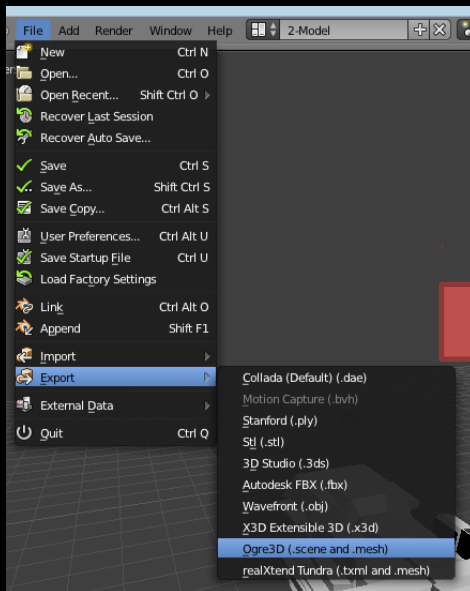## 2. Modelling in Blender

Orxonox

3. Texturing

- Zeichnen von Texturen (Photoshop / GIMP)
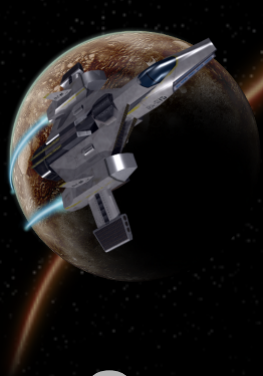
- Mappen der Texturen auf das Modell (Blender)

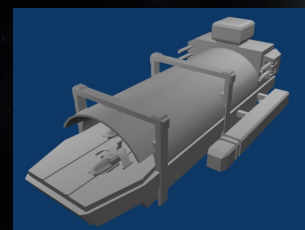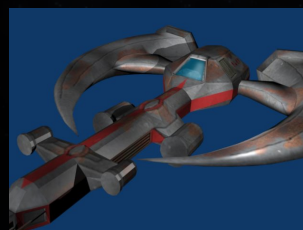# Orxonox

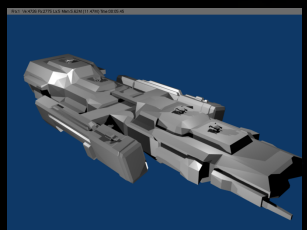## 4. Export des Modells aus Blender / Import ins Spiel

OGRE
3D Grafik engine

Orxonox

Orxonox Model Collection

Orxonox

http://www.orxonox.net/wiki/PPS_main

Important resources

Coding guides, help, documentation: Coding (read this!)
Installing and building Orxonox: LinuxTardis

Administrative Information

If you're a student at the ETH Zürich at the departement ITET and you're in the 3rd to 6th semester, you can participate in our
The Project is intended for students interested in game development or programming and modeling in general. Feel free to look
on our page to find something you're interested in.

3rd to 6th Semester

Facts about our PPS for the 3rd to 6th semester:

- You get **3KP**
- The PPS takes place on **Monday, 13:15 until 16:00**
- The PPS starts on 26 September 2016
- Room: ETZ D96

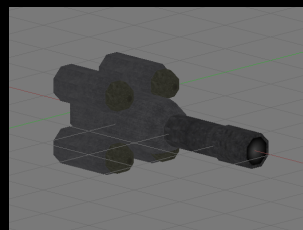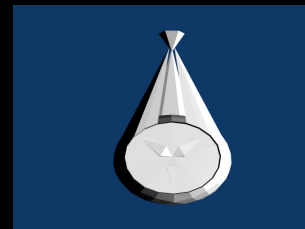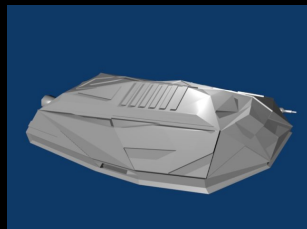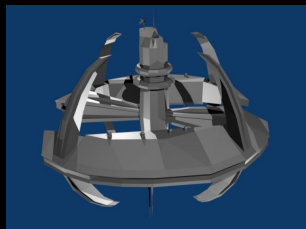For more information feel free to contact the PPS leaders:

- Maxim Aebischer (maxima@...)
- Fabien Vultier (fvultier@...)
- Florian Zinggeler (zifloria@...)

Timetable

Date	Room	Topic	
26 sep	ETZ D96	Introduction and (wiki, forum, svn blender), Download game, ⇨Blender Tutorial	⇨Introduction, ⇨Blender
3 oct	ETZ D96	Framework and coding tutorial and level design tutorial	⇨Framework, ⇨Handout
10 oct	ETZ D 61.2	Choose the projects, start planning.	⇨SVN, ⇨SVN-Handout
17 oct	ETZ D 61.2	Project Work	
24 oct	ETZ D 61.2	1st Review / Project Work	
31 oct	ETZ D 61.2	Project Work	

Orxonox

Links zu Blender

- Blender Tutorials
  - http://www.orxonox.net/wiki/BlenderTutorials
  - http://en.wikibooks.org/wiki/Blender_3D:_Noob_to_Pro
- Blender Homepage
  - Http://www.blender.org
- Tears of Steel - Fourth Open Movie by Blender Foundation
  - https://www.youtube.com/watch?v=R6MlUcmOul8