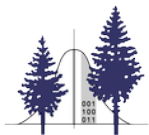# A closer look at some examples from the grogra.de gallery
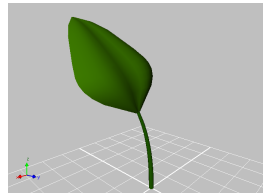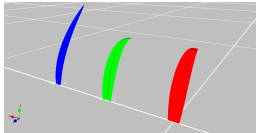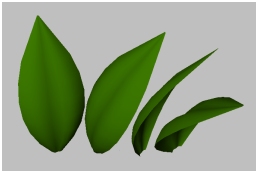
Michael Henke

2010-09-27

International Summer School

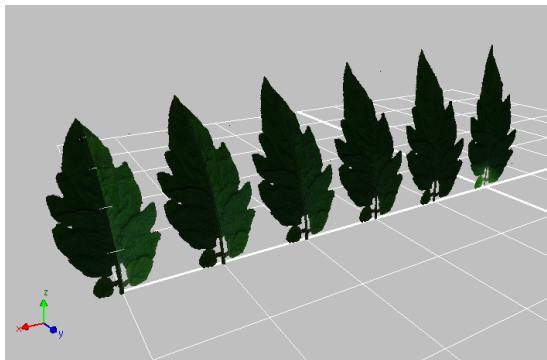"Modelling and Simulation with GroIMP"

Göttingen

Modelling 3D-leaves

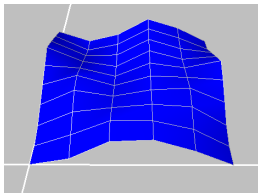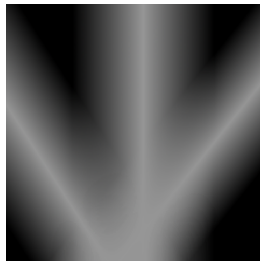- Main organ for interaction with the environment

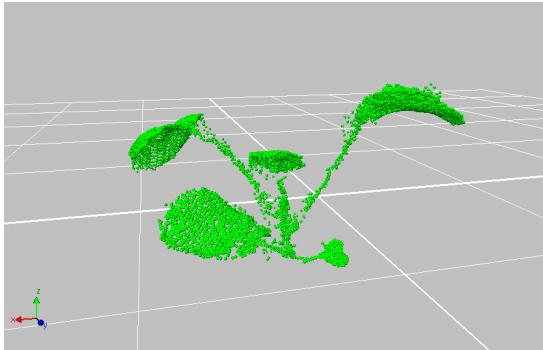# 3D-leaf of facets

Location: Gallery/Technics/leafFacets.gsz

3D-leaf patch

Location: Gallery/Technics/leafHeightField.gsz

Load data Demo

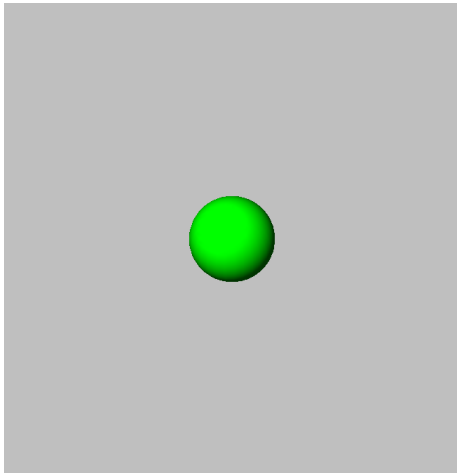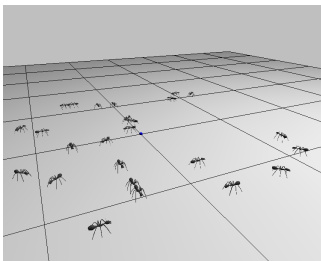Location: Gallery/Technics/OpenFileDemo.gsz

Write data demo

Making a Animation

Location: Gallery/Technics/antMovie.gsz

Making an film sequence:

- ffmpeg: ffmpeg -r 3 -i *.png -b 2000000 output.avi
- mencoder: mencoder "mf://*.png" -mf fps=25 -o output.avi -ovc lavc -lavcopts vcodec=mpeg4

Making an animated GIF image:

- ImageMagick: convert -delay 20 -loop 0 *.png output.gif

Billboarding

Location: Gallery/Technics/billboarding.gsz