

Lecture #0

Organisation

Computer Graphics
Winter Term 2016/17

Marc Stamminger

Language

- This year the lecture is given in **German**
- In **English** are:
 - Lecture Slides
 - Exercises
 - Exams (if wanted)
 - A video of the lecture in 2013 → large overlap with this year's lecture:
<https://video.cs.fau.de/by-lecture/CG/2013w/>

Modules

- This lecture: 3.75 ECTS (3 hours a week)

- Plus **“Basic Exercises”**

- simple programming or theoretical exercises
- effort about 2-3h / week
- 1.25 ECTS

Module
“CG-VU”
5 ECTS

Module
“CG-VUP”
7.5 ECTS

- Plus **“Advanced Exercises”**

- advanced programming or theoretical exercises
- effort about 5-6h / week
- 2.5 ECTS

- 50% of the points of exercises → pass/fail
- Grade from **written exam**, probably in March/April 2017

Material

- Download via [studon: 5.Tech → 5.3 Inf → Inf9 → Computer Graphics](#)
 - Lecture slides
 - Additional material
 - Exercises
- Handin of exercises via [Exercise Submission Tool \(EST\)](#)
 - Handin of files
 - Possible to complete exercises in **teams of two**
 - feedback, points, and comments from tutors provided via EST
- Please register for both !
 - we will send organizational messages through these channels

Time Slots

- Lecture

- Tuesdays 10:15 – 11:45 H5
- Wednesday 9:00 – 9:45 H5

- Short intro to ne

- Wednesday 9:4

To attend the tutorials,
you need access for the Huber-CIP
→ CIP-Pool admins!

- Exercises:

- Thursdays 9-12, Fridays 9-12: Huber-CIP
- Tutors are available to answer your questions, help with the programming exercises



Christoph
Weber



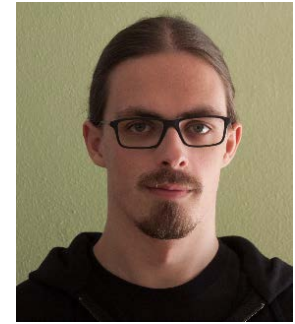
Justus
Thies



Jana
Martschinke



Nicolai
Hoffmann



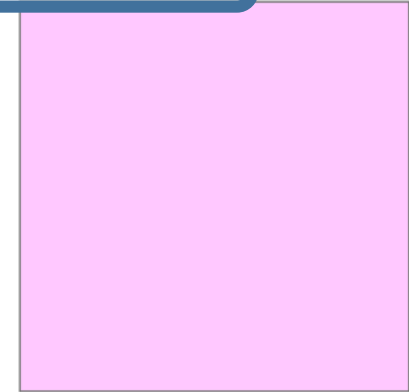
Lukas
Riedersberger

Exercises

- One exercise sheet per week
- Both Basic and Advanced Exercises
- Published Tuesdays
- One week to work on assignment
- Deadline Monday midnight
- 12 Sheets, each sheet has
 - 10 points basic
 - 10 points advanced
- For the 7.5 ECTS you have to do **both**, basic and advanced !

Computer Graphics Exercise 1
Submission: October 24, 2016, 11:59 pm

Basic Exercises 1 Drawing Circles



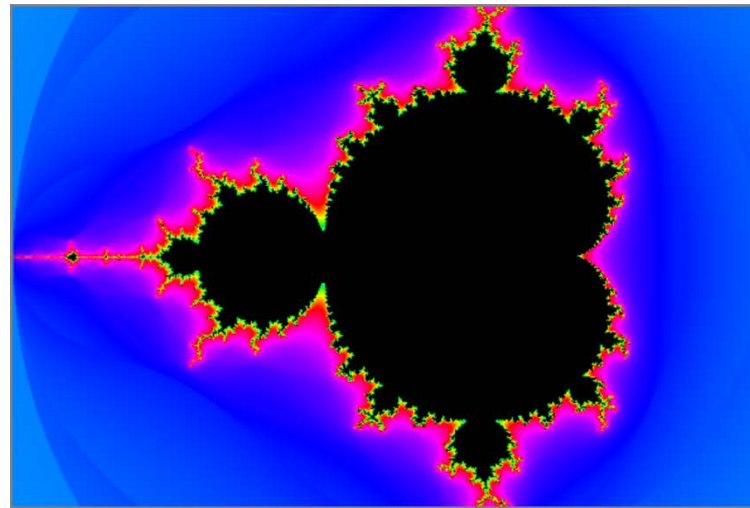
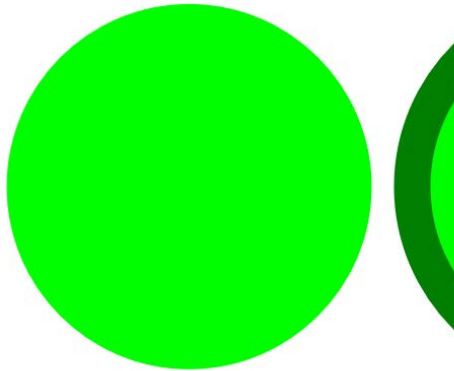
Left you see a
200x200 that
draw a circle
then want yo
between color
Inspect the s
the [javascr](#)
copy the snipp

Below you see the circles of slightly different ap
middle and displays a radius of 50. The middle c
green. Both circles have a rather ragged border

First Exercise

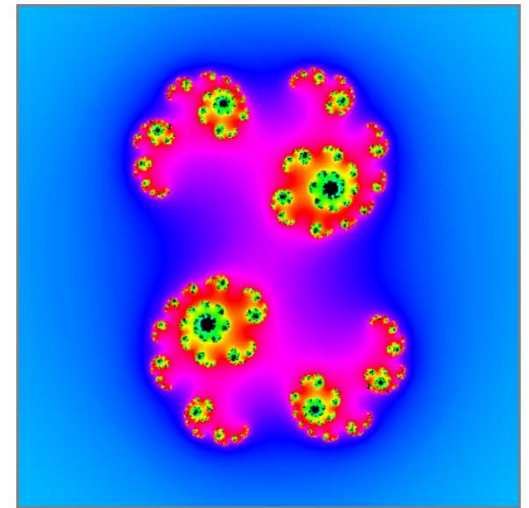
- First sheet is available
 - Introduction to first sheet tomorrow, Wednesday, 9:45
 - First sheet due **next week**

Basic exercise



COLOR SCHEME

- ☐ black & white
- ☐ greyscale colors
- ☐ underwater colors
- ☒ HSV rainbow colors



MAXIMUM ITERATIONS



Advanced exercise

Further Questions