## HOCHSCHULE KONSTANZ TECHNIK, WIRTSCHAFT UND GESTALTUNG Fakultät für Informatik

IOS

Prof. Dr. G. Umlauf

Konstanz, 24.11.2015

## **Assignment 3**

## "Computational Geometry WS2015/16"

Deadline 16.12.2015, F033.

## 2d-Trees

- 1. Implement an interactive construction of a 2d-tree of a set of points in the plane and visualize the resulting partitioning.
- 2. Implement an interactive range search for a rectangular query range based on the 2d-tree and visualize the range search result.

Deadline 16.12.2015, F033.