

# Department of Computer Science Institute for optical Systems Prof. Dr. G. Umlauf

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## **Practical Assignment 4**

### "Computational Geometry WS2022/23"

Deadline 23.01.2023.

#### **Delaunay triangulation**

Implement the randomized, incremental algorithm of the lecture to compute the Delaunay triangulation of n points  $p_1, \dots, p_n$  in the plane.

#### Remark:

- 1. Do not use trapezoidal maps.
- 2. Do not use SurfaceMesh or other mesh-processing libraries.