

## Algorithms for Graph Visualization Excercise on Drawing Graphs

Excercise · October 26 Benjamin Niedermann

INSTITUTE OF THEORETICAL INFORMATICS · ALGORITHMICS GROUP



## Organizational



- benjamin.niedermann@kit.edu
- Office 316
- Office hours: request by email

## **Exercise Sessions:**

Rule of thumb: Every second week. See homepage for exact dates.



#### **Discussion** of exercise sheets!

# **Exercise Sheets:** Are published at least one week before exercise session.

Each student has to present at least one (part of an) excercise







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  - Drawing conventions: Planarity, Straight-line edges, etc.
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- So, this exercise is a kind of an experiment!



- You will get 6 graphs in .graphml format
- You will have 80 min, so  $\approx$  13 min per graph



- You load a graph to yEd and modify it untill you are happy with the result
- You might consider transfering the result on the paper!





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- You can use your **artistic** side! Without the **limits** of a software!
- We determine how **nice** are the drawing using 1-5 scale
- Results are presented in the next exercise session



#### Usage of yEd





