

# Seminar Software Engineering WS 2014/15



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# Agenda

- Goals of the seminar
- Organization, regulations
- Topic assignment

# Goals

- Learn an interesting topic in SE
- Read and understand scientific papers explaining the topic
- Learn how to present the topic

# Next Steps

- Talk to topic supervisor
- Read the given references
- Search for additional material on the topic
- Understand the topic

# Further Steps

- Write a seminar paper on the topic
- Review other seminar papers
- Improve paper
- Give a talk

# Important Dates

- Kick-off meeting: 31.10.2014
- Submit Table of contents: 28.11.2014
- Submit paper: 12.01.2015
- Submit review of two papers: 23.01.2015
- Submit final paper: 13.02.2015
- Presentations: TBA

# Important Regulations

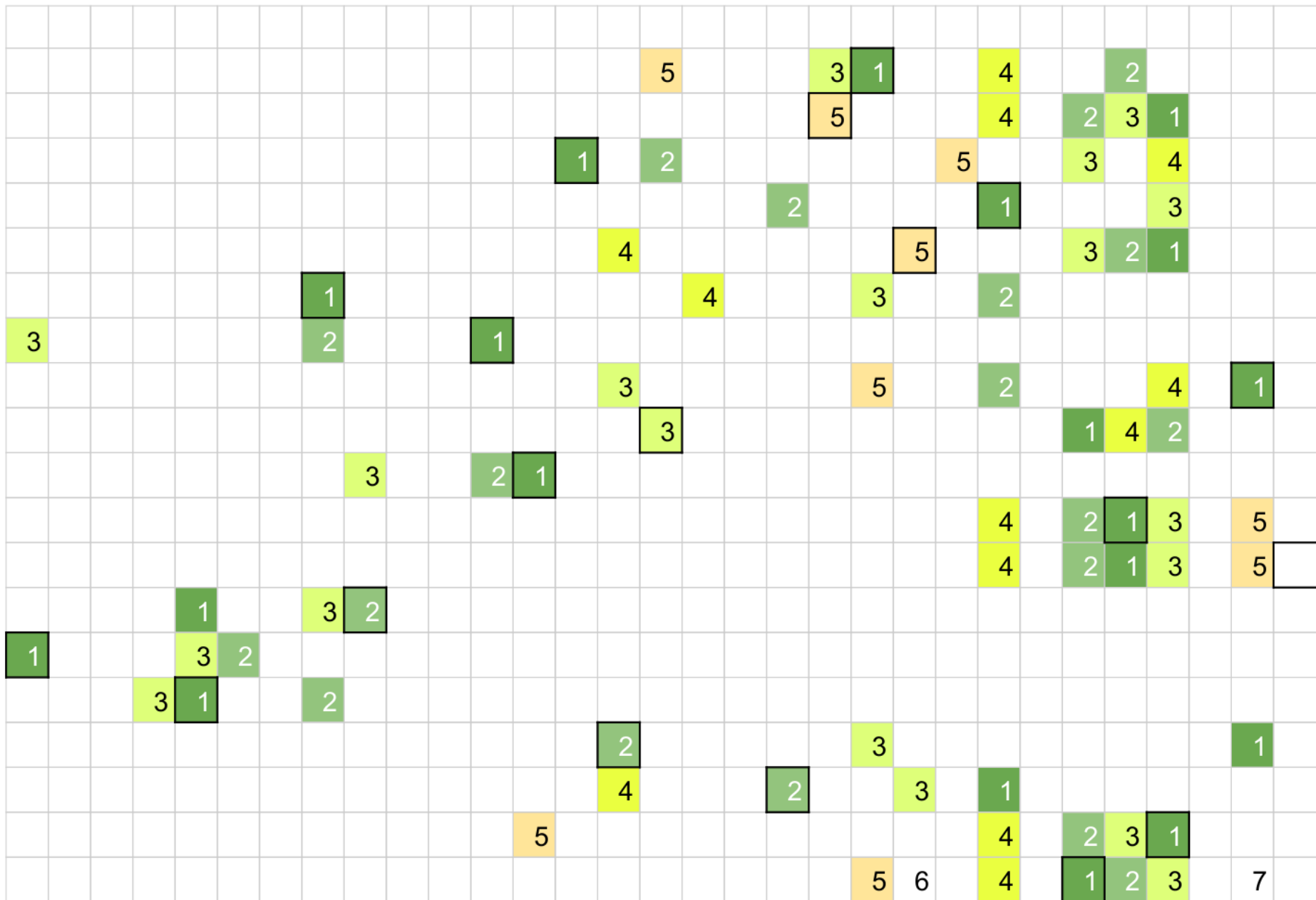
- Language
  - Bachelor: German or English
  - Master: English
- Length of paper
  - Bachelor: 10 pages
  - Master: 15 pages
  - LNCS Style (LaTeX or Word)

# How to Fail a Seminar

- Plagiarism
- Late submissions
- Not attending final presentations
- Poorly written paper
- Bad presentation
- Never talk to your supervisor



# Topic Assignment



#	Topic	Supervisor	Student
1	Concurrent Haskell	Annette Bieniusa	Fabian Süß
5	Creating languages in Racket	Mathias Weber	Nicolas Fußberger
8	Lambdas and Streams in Java 8	Peter Zeller	Linus Krumrey
9	Template Meta-programming for Haskell	Mathias Weber	Johannes Schultz
12	Parsing - Parser Combinators	Christoph Feller	Markus Urschel

#	Topic	Supervisor	Student
13	Scrap your Boilerplate	Christoph Feller	Yasmin Khairina
14	Tail-Call-Optimization in Scala	Mathias Weber	Carlos Lozano Sanchez
15	Type Providers in F#	Peter Zeller	Santosh Shah
16	Software Transactional Memory	Deepthi Akkorath	Rakshith Pal
19	Eventually Consistent Transactions	Deepthi Akkorath	Adrian Vladu
20	Concurrent programming with revisions and isolation types	Deepthi Akkorath	Alexandra Olimpia Bugariu
21	The future(s) of shared data structures	Annette Bieniusa	aleena pettah
22	The Bloom language	Peter Zeller	Guillermo Aranda
24	Towards a Formal Foundation of Web Security	Christoph Feller	Elleni Eyob
26	Package patterns for visual architecture recovery	Malte Brunnlieb	Alberth Montero
27	Focus: A light-Weight, Incremental Approach to Software Architecture Recovery and Evolution	Malte Brunnlieb	Syed Talal Hussain
28	Recovering Software Architecture from the Names of Source Files	Malte Brunnlieb	Alberto Lara
30	Determinacy in Static Analysis for jQuery	Ilham Kurnia	Jorge Marcano
31	Translating Imperative Code to MapReduce	Ilham Kurnia	Neelamma Doddannavar

Questions?