

Organization

- ▶ 2/2 Z/Zk
- Lecture
 - mixture of lecturers
- Tutorials
 - ▶ Only 3, dedicated to 3 major homework assignments
 - before: assignment, explanation, hints
 - after (the first two): evaluation, frequent errors, best solutions
- ▶ The 3 major homework assignments
 - Deadlines 18 days after assignment
 - ▶ Up to 10 points per assignment
 - ▶ Late submission: -1 point per day

Organization

Credit

- at least 1 point from each assignment, and
- at least 15 points in total
- Skipping the exam
 - you may skip the exam if you have:
 - at least 5 points from each assignment, and
 - at least 19 points in total

Oral exam

- Credit required before exam
- - beware: it may improve or worsen your result

Grading

- ▶ 27..30 points \Rightarrow **1**
- ▶ 23..26 points = 2
- ▶ 19..22 points \Rightarrow 3

Books

▶C++11/14/17/20/23/26

- en.cppreference.com/w/cpp
- Scott Meyers: Effective Modern C++ (C++11/C++14)
 - O'Reilly 2014
 - Methodology of programming
- Scott Meyers: Overview of the New C++ (C++11)
 - Collected slides
 - Motivation behind C++11 explained
- Bjarne Stroustrup: The C++ Programming Language 4th Edition
 - Addison-Wesley 2013
 - Complete C++11 textbook
- David Vandevoorde, Nicolai M. Josuttis, Douglas Gregor: C++ Templates: The Complete Guide (2nd Edition)
 - Addison-Wesley 2017 (832 pages)
- Anthony Williams: C++ Concurrency in Action: Practical Multithreading
 - Manning Publications 2012 (528 pages)
- http://stackoverflow.com/questions/388242/the-definitive-c-book-guide-and-list

Older books

- ▶ Best practices before C++11 = outdated but may be worth reading
 - Andrei Alexandrescu, Herb Sutter:
 C++ Coding Standards (2005)
 - Scott Meyers:
 Effective C++ (1998)
 More Effective C++ (1996)
 Effective STL (2001)
 - Herb Sutter:
 Exceptional C++ (2000)
 More Exceptional C++ (2002)
 Exceptional C++ Style (2004)
 - Nicolai M. Josuttis:
 Object-Oriented Programming in C++ (2002)