- Today we covered pages 130-179 of the course book. We focused on Chapter 4, and we analyzed the asymptotic run time behavior of the basic communication operations of Chapter 4.1 - 4.4 for different network topologies in detail. We also discussed methods how to show, that an algorithm is asymptotic optimal (disregarding the startup time t_s).

- For the next lecture you should read the course book till end of Chapter 5. Chapter 5 will cover *the* approach how scalability of algorithms will be measured. Therefore a thorough understanding of these methods is crucial for the analysis of the parallel algorithms in the second half of the book (and course).