- Today we covered Chapter 8 (Dense Matrix Algorithms) of the course book. We focused matrix-vector multiplication and matrix-matrix multiplication. Based on sequential algorithms we discussed parallel version and applied our theoretical knowledge regarding scalability to infer the isoefficiency of the algorithms. For asymptotic runtime we made heavy use of Table 4.1 in the course book (summary of communication times for the various basic communication operations).

- For the next lecture you should read Chapter 9 of the course book.