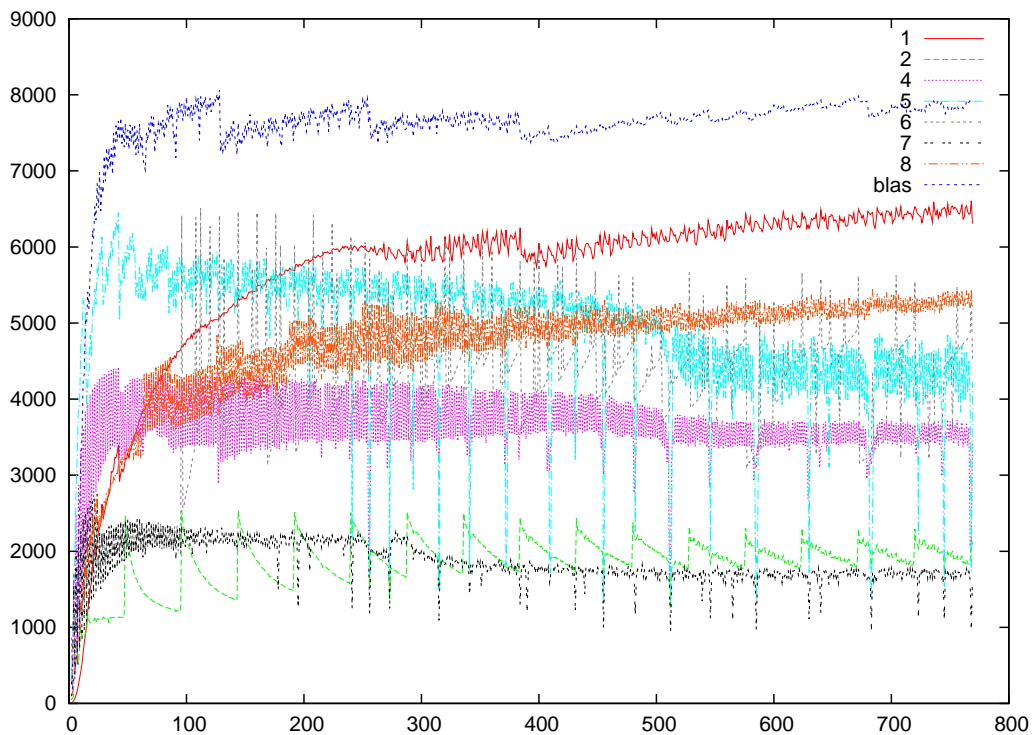


- In week 40 we finished “Simulation” (focus on Particle simulation techniques) and started with “Parallel Programming Platforms” (beginning with Chapter 2.5 from the course book). In the Thursday lecture we will start with Chapter 3, “Principles of Parallel Algorithm Design”, but we will not cover the complete chapter in that lecture (however I suggest to read the complete chapter). The slides were updated in the Blackboard System.
- In week 41 we will cover “Basic Communication Operations” (Chapter 4 of the course book). Please read this chapter thoroughly, as it is a key component for scalability analyses that we will do later in the course.
- A preliminary analysis of the eight submitted matrix-matrix multiplication implementations lead to the following figure (x-axis: matrix size, y-axis: performance in MFlop/s on Franklin's Quad Core AMD Opteron).



This figure may change, as the correctness of the submissions has not been checked, yet.