



## Topics

- 1) processor architecture  $\rightarrow$  roofline model
- 2) mathematical algorithms
- 3) vectorization  $\rightarrow$  blocked algorithms  $\rightarrow$  algorithms by blocks  $\rightarrow$  dynamic scheduling  $\rightarrow$  data parallelism

- Tue/Thu 5–6.30pm Rogowski 115, Schinkelstr. 2
- **We start tomorrow! Tuesday, April 9th, 5pm**
- Programming final project in english