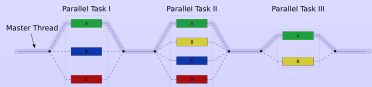


Objectives

- 1) Programming shared-memory architectures
- 2) Programming distributed-memory architectures

- Performance metrics
- Review of computing architectures
- Message Passing Interface (MPI)
- OpenMP
- Patterns of parallel programming

$$S_p = \frac{T(1)}{T(N)} = \frac{1}{s + \frac{1-s}{N}}$$



- Start: **Wednesday, October 11, 12:15** 1080|140 (R 140)
- Programming: π , , ... Languages: C, English
- Followups:
 - “High-performance Matrix Computations”
 - “Languages for Scientific Computing”