

## Computing usage summary:

**Project:** Top-pair total inclusive cross-section in NNLO QCD

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- Time frame: 1 year. Includes:
  - Development
  - Actual computation
- Nature of computing problem:
  - Parallelizable.
  - Average load: of the order of 200 jobs running over 1 year. But it fluctuates.
  - Typical length of individual jobs  $\sim$  hours - day(s).

## Future projects:

- Differential NNLO production of tops and other particles.
- Estimate of computational needs: same order of magnitude.
- Time frame: years.